THE

BRITISH ALMANAC

OF

THE SOCIETY FOR THE DIFFUSION OF USEFUL KNOWLEDGE,

FOR THE YEAR OF OUR LORD

1879,

BEING THE THIRD AFTER BISSEXTILE.

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Thermometrical Register.

THE Thermometrical Register, showing the highest and lowest temperatures of the corresponding month of the preceding year, has been resumed in the British Almanac Calendar at the request of numerous correspondents. These registers are copied from those made at the Royal Observatory, Greenwich. They show the highest and lowest ranges within each twenty-four hours, from self-registering thermometers. Each month is placed with its corresponding month, as affording the most ready and advantageous means of comparison, although by this arrangement the register of the last three months of 1877 follows the nine months of 1878, which are all that can be given up to the day of publication.

Equation of Time.

IN this Almanac the calculations are all made for *mean time* (given by the clock), instead of *apparent time* (given by the sun-dial), which latter had been used up to the year 1833. It must be obvious that, for all practical purposes, mean time is the most useful; and to obtain it from apparent time, the columns in the Almanac headed "Equation of Time" should be used. The column "Equation of Time" ought, for example, to be consulted when persons are desirous of setting their clock by a sun-dial. When *Clock after Sun* is written above the number of minutes and seconds opposite to the day, then the clock ought to be set so much slower than the sun-dial, and the contrary.

Moonlight.

THE "Moon's age" is set down in days and the nearest tenths of days from the time of change. Thus it is New Moon on the 21st of February at 4h. 3m. morning, and therefore at noon of that day she is 7h. 57m. old, which is set down as three-tenths. The fraction of the day of course continues the same throughout the lunation. See also the table *on page* 10 showing the hours of darkness and *duration of moonlight*.

VARIATION OF THE COMPASS, or the declination of the magnetic or mariner's needle from the meridian or true north-and-south line at the undermentioned places in the United Kingdom, estimated for the year 1879.

N.B.—The variation is westerly, that is, the magnetic pole is west of the true north pole, and is found to be decreasing in the United Kingdom about 9′ annually.

Scilly Islands, 21° 8′; Falmouth, 20° 50′; Plymouth, 20° 24′; Portland, 19° 38′; Portsmouth, 19° 8′; Brighton, 18° 36′; Dover, 18° 1′; London, 18° 40′; Yarmouth, 18° 13′; Sunderland, 20° 34′; Edinburgh, 22° 1′; Glasgow, 22° 48′; Liverpool, 20° 58′; Pembroke, 21° 28′; Holyhead, 21° 53′; Dublin, 22° 55′; Belfast, 23° 13′; Galway, 24° 23′; Cork, 23° 30′.

AUXILIARY TABLE FOR FINDING THE TIME OF SUN-RISING AND SETTING.

The time of Sunrise and Sunset in the 'British Almanac' is adapted to the parallel of latitude in which London is situate—viz., 51° 30′, N.

THE table, pages 3—4, has been constructed to show the variations of time through the United Kingdom—namely, between the latitude of 58° and 50° 10′ N. The times of sun-rising and sun-setting are computed for the instant that the sun's centre is even with the horizon of the sea. The number of minutes found in this table under the month-day, and in the required latitude, are to be applied to the time of sun-rising and setting found on that day in the Almanac; the result will be the time of his rising and setting at the place required.—EX. At what time will the sun rise and set on May 21 at Edinburgh? The times of sunrise and sunset on that day in the Almanac are 4h. 2m. A.M., and 7h. 51m. P.M. In the table, in parallel of 56°, in which (p. 3) Edinburgh is found, and under May 21, are 23 minutes; which, subtracted from 4h. 2m., leaves 3h. 39m. for time of sunrise; and, added to 7h. 51m., gives 8h. 14m. for time of sun-setting. But at those places where instead of mean time at place* railway time is now used, which in Great Britain is Greenwich mean time, and in Ireland Dublin mean time, to the times of sun-rising and sun-setting, as deduced by the auxiliary table, the longitude *in time* must be applied thus:—For places in Great Britain whose longitude is *west* of Greenwich, to the time of sunrise or sunset *add* the longitude in time, and for places whose longitude is *east* of Greenwich, subtract the longitude in time, the result will be the railway or Greenwich time that the sun rises or sets.

N.B.—Longitude in *arc*, indicated by the signs ° ′ ″ (degrees, minutes, and seconds) is converted into longitude in time by reckoning 360° = 24 h., 15° = 1 h., and 1° = 4 m.

Example:—On June 22nd at Penzance, in latitude 50° 7′ N. and longitude 5° 31′ W., what will be the railway time that the sun rises and sets?

---

* *See* the above Explanatory Notice, *Equation of Time.*

	Sun rises. h	m	Sun sets. h	m
At London, or in lat. 51° 30′, by Calendar, page 25..	3	45	8	18
Cor. by Aux. Table, page 4, for lat. 50° 10′...add		8	sub.	8
Mean time at Penzance	3	53	8	10
Longitude in time..... add		22	add	22
Railway or Greenwich mean time	4	15	8	32

The places which follow the different parallels hereunder stated are situate within 15 miles of latitude, either north or south of it.

Lat. (N) GREAT BRITAIN.

58° 0′—Dornoch, Tain, Dunrobin, Portenleik, Dunclaim.

57° 30′—Peterhead, Fraserburg, Banff, Elgin, Cromarty, Inverness, Applecross.

57° 0′—Aberdeen, Bervie, Braemar, Laggan, Corpach.

56° 30′—Forfar, Dundee, Perth, Comrie, Ardchattan.

56° 0′—Berwick, Haddington, Edinburgh, Linlithgow, Kinross, Stirling, Dumbarton, Glasgow.

55° 30′—Embleton, Jedburgh, Selkirk, Sanquhar, Lanark, Irvine, Ayr.

55° 0′—Newcastle, Morpeth, Carlisle, Annan, Dumfries, New Galloway, Wigton.

54° 30′—Scarborough, Whitby, Hartlepool, Stockton, Richmond, Appleby, Cockermouth, Whitehaven, North part of Isle of Man.

54° 0′—New Malton, York, Aldborough, Clitheroe, Lancaster, Preston.

53° 30′—Grimsby, Kingston-upon-Hull, Pontefract, Manchester, Wigan, Liverpool, Beaumaris, Holyhead.

53° 0′—Lynn Regis, Boston, Lincoln, Nottingham, Derby, Stafford, Flint, Chester, Denbigh, Caernarvon, Harlech.

52° 30′—Birmingham, Yarmouth, Norwich, Thetford, Ely, Peterborough, Leicester, Coventry, Lichfield, Shrewsbury, Ludlow, Montgomery, Aberystwith.

52° 0′—Ipswich, Colchester, Cambridge, Hertford, Bedford, Buckingham, Oxford, Gloucester, Worcester, Hereford, Monmouth, Brecon, Carmarthen, Cardigan, St. David's.

51° 30′—London, Ramsgate, Canterbury, Rochester, Chelmsford, Windsor, Wallingford, Marlborough, Malmesbury, Bath, Bristol, Newport, Cardiff, Llandaff, Pembroke.

51° 0′—Dover, Winchelsea, Brighton, Guildford, Chichester, Winchester, Portsmouth, Southampton, Salisbury, Shaftesbury, Wells, Ilchester, Taunton, Bridgewater, Minehead, Barnstaple.

50° 30′—Newport (I. W.), Poole, Weymouth, Exeter, Ashburton, Totnes, Plymouth, Tavistock, Launceston, Bodmin, Camelford, Padstow.

50° 10′—Truro, Falmouth, Helston, Penzance.

IRELAND.

55° 0′—Carrickfergus, Antrim, Coleraine, Londonderry, Lifford, St. Johnstown.

54° 30′—Belfast, Killyleagh, Downpatrick, Armagh, Charlemont, Dungannon, Augher, Donegal, Ballyshannon, Enniskillen, Sligo.

54° 0′—Carlingford, Newry, Dundalk, Drogheda, Kells, Cavan, Belturbet, Carrick, Boyle, Castlebar, Killala.

53° 30′—Dublin, Swords, Naas, Athboy, Mullingar, Philipstown, Kilbeggan, Athlone, Roscommon, Lanesboro', Tulsk, Tuam, Ballinrobe.

53° 0′—Wicklow, Blessington, Baltinglass, Carlow, Athy, Kildare, Portarlington, Maryborough, Ballinakill, Banagher, Galway, Ennis.

52° 30′—Newborough, Enniscorthy, Wexford, Kilkenny, Cullen, Clonmel, Cashel Killmallock, Limerick, Askeaton.

52° 0′—Waterford, Dungarvon, Youghal, Tallow, Lismore, Rathcormack, Cork, Mallow, Killarney, Tralee, Ardfert, Dingle.

51° 30′—Kinsale, Bandon, Clonakilty, Baltimore.

LIST OF THE CORRESPONDENCE OF ERAS WITH THE YEAR 1879.

[*In those Eras which begin with the Christian year, the year alone is stated; in those which begin at a different season, the month in which the 1st of January,* 1879, *occurs is also given.*]

		Correspondence with 1879.	Abbreviations.
Year of the World (Jewish account)	6th Thebet	5639	A.M.
Julian Period		6592	Jul. Per.
Dioclesian, or of Martyrs	24th Cohiac	1595	Ær. Diocl.
Seleucides, or Grecian	Audynæus	2190	Ær. Seleuc.
Persian Era of Yezdegird III. (Parsee account)		1248	An. Pers.
Armenian common year	10th Kaghots	1328	An. Arm.
Hegira	7th Muharram	1296	A.H.
Vikramaditya	Poos or Margaly	1935	Samvat.
Chinese Year	11th month of Woo yin...	72nd Cycle.	

	58° to 51° 30′ add to time of Sun-rising. Subtract from time of Sun-setting.									Subtract from time of Sun-rising. Add to time of Sun-setting.															Add to time of Sun-rising. Subtract from time of Sun-setting.								
	January			February			March			April			May			June			July			August			September			October			November			December		
	1	11	21	1	11	21	1	11	21	1	11	21	1	11	21	1	11	21	1	11	21	1	11	21	1	11	21	1	11	21	1	11	21	1	11	21
Lat. (N).	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
58° 0′	40	38	32	26	21	17	12	6	0	6	12	17	22	27	33	38	40	42	40	37	33	28	23	19	13	7	1	6	10	14	21	26	32	38	40	42
57° 30′	37	35	30	24	19	15	11	6	0	6	11	16	20	25	31	35	37	38	37	34	30	26	21	18	12	6	1	6	9	13	20	24	30	35	37	38
57° 0′	34	32	27	22	17	13	10	5	0	5	10	15	18	23	28	32	34	35	34	31	28	24	19	16	11	6	1	5	8	12	18	22	27	32	34	35
56° 30′	31	29	25	20	16	12	9	5	0	5	9	13	17	21	25	29	31	32	31	28	25	22	17	15	10	6	1	5	8	11	16	20	25	29	31	32
56° 0′	28	26	22	18	14	11	8	4	0	4	8	12	15	19	23	26	28	29	28	25	23	20	16	13	9	5	1	4	7	10	15	18	22	26	28	29
55° 30′	25	23	20	16	12	10	7	4	0	4	7	11	14	17	20	23	25	26	25	22	20	17	14	11	8	4	1	4	6	9	13	16	20	24	25	26
55° 0′	22	20	17	14	10	8	6	3	0	3	6	10	12	15	17	20	22	22	22	19	18	15	13	10	7	4	1	3	5	8	12	14	17	21	22	22
54° 30′	19	17	15	12	9	7	5	3	0	3	5	8	10	13	15	17	19	19	19	17	15	13	11	9	6	3	1	3	5	7	10	12	15	18	19	19
54° 0′	16	14	12	10	7	6	4	2	0	2	4	6	9	11	12	14	16	16	16	14	13	11	9	7	5	3	1	2	4	6	8	10	12	15	16	16
53° 30′	13	11	10	8	5	4	3	2	0	2	4	5	7	8	10	12	13	13	13	11	10	9	7	6	4	2	1	2	3	5	7	8	10	12	12	13
53° 0′	10	9	7	6	4	3	3	1	0	1	3	4	5	6	7	9	9	10	9	8	8	7	5	4	3	2	0	1	2	3	5	6	7	9	9	10
52° 30′	6	6	5	4	2	2	2	1	0	1	2	2	3	4	5	6	6	6	6	6	5	4	3	3	2	1	0	1	2	2	3	4	5	6	6	6
52° 0′	3	3	3	2	2	1	1	0	0	0	1	1	2	2	2	3	3	3	3	3	3	2	2	1	1	1	0	0	1	1	2	2	2	3	3	3
51° 30′	*N.B.* The			times of			sun-rising			and sun-			setting			on this			parallel			are those			given daily			in the			'British			Almanac.'		
51° 0′	3	3	3		2	1	1	0	0	0	1	1	2	2	2	3	3	3	3	3	3	2	2	1	1	1	0	0	1	1	2	2	2	3	3	3
50° 30′	6	6	5	4	2	2	2	1	0	1	2	2	3	4	5	6	6	6	6	6	5	4	3	3	2	1	0	1	2	2	3	4	5	6	6	6
50° 10′	8	7	6	5	4	3	2	1	0	1	2	3	4	5	6	7	8	8	8	7	6	5	4	4	2	1	0	1	2	3	4	5	6	7	8	8
	51° 30′ to 50° 10′ subtract from time of Sun-rising. Add to time of Sun-setting.									Add to time of Sun-rising. Subtract from time of Sun-setting.																		Subtract from time of Sun-rising. Add to time of Sun-setting.								

The following List, showing the difference of Time, nearly, between London and the Outports of the United Kingdom, as well as a few foreign Ports, is derived from Local Tide Tables and the best books on Navigation.

		h	m
Aberdeen	sub.	0	57
Aberystwith	add	5	34
Alderney Pier	,,	4	49
Antwerp	,,	2	28
Bantry Harbour	,,	1	50
Barnstaple Bar	,,	3	33
Beachy Head	sub.	3	2
Belfast	,,	3	39
Berwick	add	0	21
Blakeney Harbour	,,	4	33
Boulogne	sub.	2	57
Brest Harbour	add	1	50
Brielle	,,	1	3
Brighton	sub.	3	7
Bristol	add	5	24
Buchan-ness	sub.	2	22
Calais	,,	2	33
Cape Clear	add	2	3
Cardigan Bar	,,	5	4
Carmarthen Bar	,,	4	13
Chatham	sub.	0	55
Cherbourg	add	5	52
Chichester Harbour	sub.	2	52
Christchurch Harbour	,,	5	22
Cork Harbour (Queenstown)	add	3	4
Cowes, West	sub.	3	37
Cromarty	,,	2	26
Cuxhaven	,,	0	49
Dartmouth Harbour	add	4	19
Devonport Dock-Yard	,,	3	46
Dieppe	sub.	3	16
Donegal Bar	add	3	8
Douglas Harbour (Isle of Man)	sub.	3	10
Dover Pier	,,	3	10
Dublin Bar	,,	3	10
Duncansby Head	,,	4	8
Dundee	add	0	35
Dunkerque	sub.	1	49
Eastbourne	,,	2	50
Exmouth Bar	add	4	24
Eyder, Mouth of the	sub.	2	20
Eyemouth	add	0	18
Falmouth Harbour	,,	3	10
Flushing (Walcheren)	sub.	0	37
Folkestone	,,	3	15
Galway Bay	add	2	38
Gravelines, France	sub.	2	22
Gravesend	,,	0	47
Greenock	,,	1	49
Guernsey Pier	add	4	51
Hartlepool	,,	1	31
Hastings	sub.	3	29
Havre de Grace	,,	4	31
Heligoland	,,	2	49
Hellevoetsluis	add	0	33
Holyhead Harbour	sub.	4	11
Horn Point	sub.	0	13
Hull	add	4	32
Ilfracombe	,,	3	45
Ipswich	sub.	1	22
Jersey (St. Aubyn)	add	4	24
King Road, Bristol	,,	5	16
Kingstown Harbour	sub.	3	12
Kinsale Harbour	add	2	46
Leith Pier	,,	0	20
Lerwick Harbour	sub.	3	52
Little Hampton	,,	2	40
Liverpool	,,	2	59
Lough Foyle, Londonderry	add	6	2
Margate Pier	sub.	2	42
Milford Haven, entrance to	add	3	59
Montrose	sub.	0	32
Morlaix Road	add	2	56
Mount's Bay	,,	2	43
Newcastle-upon-Tyne	,,	2	26
Newhaven	sub.	2	31
Newport (Isle of Wight)	,,	3	25
New Shoreham Harbour	,,	2	48
Orfordness	,,	3	7
Ostend	,,	1	32
Peele Harbour (Isle of Man)	,,	3	14
Pembroke Dock-Yard	add	4	15
Plymouth	,,	3	36
Port Glasgow	sub.	1	39
Port Patrick	,,	3	12
Portsmouth Harbour	,,	2	41
Ramsay Harbour (Isle of Man)	,,	3	10
Ramsgate Harbour	,,	2	38
Rye Bay	,,	3	2
Scarborough	add	2	14
Scilly Islands (St. Mary)	,,	2	30
Shannon Mouth	,,	1	53
Sligo Bay	,,	3	21
Southampton	sub.	3	52
Southend and Sheerness	,,	1	20
Spurn Point, the	add	3	29
St. Ives	,,	2	47
St. Malo	,,	4	8
Stockton-on-Tees	,,	2	43
Stromness	sub.	5	22
Sunderland	add	1	25
Tay Bar	,,	0	9
Texel Road	,,	4	48
Torbay	,,	4	3
Tynemouth Bar	,,	1	23
Waterford Harbour	,,	4	9
Wells Harbour	,,	4	4
Weymouth	,,	5	3
Whitby	,,	1	48
Wigton Bay	sub.	2	57
Wranger Oog	,,	2	22
Yarmouth Roads	,,	5	7

To find the time of High Water at the above Places, it will be necessary to add or subtract the numbers in the above Table, according to the directions stated, to or from the time of High Water at London, as given in the Calendar for the day required.

For example:—On the 12th of January, the morning High Water at London Bridge is 4h. 24m.; the High Water at Dover Pier is 3h. 10m. earlier; subtract, according to the direction, 3h. 10m. from 4h. 24m., and the time of High Water at Dover Pier on that day will be found to be at 1h. 14m. in the morning.

TABLE SHOWING THE HEIGHT OF HIGH WATER ABOVE THE MEAN LEVEL OF LOW WATER ORDINARY SPRING TIDES AT THE LONDON DOCKS FOR 1879. TO FIND THE DEPTH AT HIGH WATER OVER THE SILLS AT THE ENTRANCE OF THE DOCKS: RULE—TO THE HEIGHT GIVEN IN THE TABLE, *add*, FOR WAPPING ENTRANCE, 2 FT. 9 IN.; SHADWELL (UPPER ENTRANCE) 5 FT. 2 IN., (LOWER ENTRANCE) 7 FT. 10 IN. SOME OF THE HIGHEST SPRING TIDES ARE DISTINGUISHED BY (*).

Day	January				February				March				April				May				June				Day
	Morning		Afternoon		Morning		Afternoon		Morning		Afternoon		Morning		Afternoon		Morning		Afternoon		Morning		Afternoon		
	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	
1	17	5	17	2	16	6	16	3	17	6	17	0	16	4	16	3	16	11	17	3	18	7	19	0	1
2	16	11	16	9	16	2	16	3	16	7	16	3	16	5	16	9	17	8	18	2	19	5	—	—	2
3	16	8	16	9	16	6	16	11	16	0	16	0	17	3	17	11	18	9	19	4	19	9	20	1	3
4	16	11	17	1	—	—	17	4	16	4	16	9	18	7	—	—	—	—	19	10	20	4	20	6	4
5	17	4	—	—	17	10	18	4	16	15	—	—	19	3	19	10	20	3	20	8	20	8	20	9	5
6	17	8	18	0	18	10	19	4	17	9	18	4	20	5	20	11	21	0	21	3	20	9	20	8	6
7	18	4	18	7	19	10	20	3	19	0	19	8	21	4	21	7	*21	5	*21	5	20	7	20	5	7
8	18	11	19	3	20	7	20	10	20	3	20	9	21	9	*21	10	21	4	21	2	20	3	20	0	8
9	19	7	19	10	21	1	21	3	21	2	21	6	*21	10	21	9	21	0	20	9	19	8	19	4	9
10	20	0	20	2	*21	5	*21	5	21	9	21	10	21	6	21	2	20	5	20	0	18	0	19	8	10
11	20	4	20	5	21	4	21	1	*21	11	*21	11	20	9	20	3	19	6	19	0	18	4	18	0	11
12	20	6	20	5	20	9	20	4	21	9	21	5	19	8	19	1	18	6	18	1	17	8	17	5	12
13	20	4	20	2	19	11	19	5	21	0	20	6	18	5	17	9	17	8	17	4	17	3	17	2	13
14	20	0	19	9	18	10	18	2	19	11	19	4	17	3	16	11	17	2	17	1	17	2	17	3	14
15	19	6	19	1	17	7	17	2	18	8	18	0	16	10	16	11	17	2	17	4	17	5	17	7	15
16	18	8	18	3	16	11	16	11	17	4	16	11	17	2	17	6	17	7	17	10	17	9	17	11	16
17	17	10	17	7	17	2	17	7	16	9	16	10	17	10	18	3	18	1	18	4	—	—	18	2	17
18	17	6	17	7	—	—	18	0	17	0	17	5	—	—	18	7	—	—	18	7	18	4	18	6	18
19	17	10	18	1	18	5	18	10	17	10	—	—	18	11	19	2	18	9	18	11	18	8	18	10	19
20	—	—	18	5	19	3	19	8	18	4	18	9	19	5	19	7	19	1	19	3	19	0	19	2	20
21	18	9	19	2	20	0	20	3	19	2	19	6	19	9	19	11	19	4	19	5	19	3	19	4	21
22	19	6	19	10	20	4	20	5	19	10	20	1	20	0	20	0	19	5	19	5	19	5	19	5	22
23	20	0	20	2	20	6	20	6	20	3	20	5	20	0	19	11	19	5	19	4	19	6	19	6	23
24	20	3	20	4	20	6	20	5	20	5	20	5	19	10	19	8	19	4	19	3	19	5	19	4	24
25	20	4	20	4	20	4	20	2	20	5	20	4	19	6	19	4	19	2	19	0	19	3	19	2	25
26	20	3	20	2	19	10	19	6	20	3	20	1	19	1	18	10	18	10	18	7	19	0	18	10	26
27	20	0	19	9	19	2	18	10	19	10	19	6	18	6	18	2	18	5	18	3	18	8	18	5	27
28	19	6	19	2	18	5	18	0	19	2	18	10	17	10	17	6	18	0	17	10	18	3	18	1	28
29	18	10	18	5					18	6	18	1	17	3	17	0	17	8	17	7	18	1	18	1	29
30	18	0	17	7					17	8	17	3	16	10	16	9	17	7	17	9	18	3	18	5	30
31	17	2	16	10					16	10	16	6					18	0	18	3					31

TABLE SHOWING THE HEIGHT OF HIGH WATER AT THE LONDON DOCKS FOR 1879—(*continued*).

Day	July				August				September				October				November				December				Day
	Morning		Afternoon		Morning		Afternoon		Morning		Afternoon		Morning		Afternoon		Morning		*Afternoon		Morning		Afternoon		
	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	
1	18	8	19	0	19	2	19	6	20	5	20	7	20	6	20	6	19	11	19	10	19	5	19	5	1
2	—	—	19	4	19	10	20	1	20	8	20	8	20	6	20	5	19	8	19	6	19	4	19	3	2
3	19	7	19	10	20	4	20	5	20	8	20	8	20	4	20	2	19	4	19	1	19	1	18	11	3
4	20	1	20	3	20	6	20	7	20	7	20	5	20	0	19	9	18	10	18	7	18	9	18	7	4
5	20	5	20	5	20	7	20	6	20	2	19	11	19	6	19	2	18	3	17	11	18	4	18	2	5
6	20	5	20	5	20	5	20	3	19	7	19	2	18	9	18	4	17	7	17	3	18	0	17	10	6
7	20	4	20	2	20	0	19	8	18	9	18	4	17	11	17	6	17	0	16	10	17	8	17	7	7
8	20	0	19	10	19	4	19	0	17	11	17	5	17	2	16	10	16	9	16	10	17	6	17	7	8
9	19	7	19	3	18	7	18	2	16	11	16	6	16	6	16	3	17	1	17	5	17	9	18	1	9
10	18	11	18	7	17	9	17	3	16	2	16	0	16	2	16	4	17	10	18	4	18	5	18	9	10
11	18	3	17	11	16	10	16	6	16	0	16	3	16	8	17	2	18	11	19	5	19	2	—	—	11
12	17	6	17	2	16	4	16	3	16	7	17	1	17	9	18	4	—	—	19	10	19	7	19	11	12
13	16	10	16	8	16	3	16	5	17	8	—	—	—	—	19	0	20	3	20	8	20	3	20	6	13
14	16	8	16	9	16	9	17	2	18	3	18	10	19	7	20	1	20	11	21	2	20	9	20	11	14
15	16	11	17	1	—	—	17	8	19	5	19	11	20	7	21	0	*21	3	*21	4	21	0	21	0	15
16	17	4	—	—	18	1	18	7	20	5	20	10	21	4	21	7	21	3	21	2	20	11	20	10	16
17	17	8	18	0	19	1	19	6	21	2	21	5	*21	8	*21	8	21	1	20	10	20	7	20	4	17
18	18	3	18	7	19	11	20	4	*21	7	*21	8	21	7	21	6	20	5	19	11	20	0	19	7	18
19	18	11	19	3	20	7	20	10	*21	8	21	6	21	3	20	11	19	5	19	0	19	3	18	11	19
20	19	6	19	8	21	0	*21	2	21	3	21	0	20	5	19	11	18	7	18	2	18	6	18	1	20
21	19	11	20	1	*21	3	*21	2	20	7	20	1	19	4	18	9	17	10	17	6	17	9	17	5	21
22	20	3	20	4	21	0	20	9	19	6	18	11	18	2	17	8	17	4	17	4	17	3	17	2	22
23	20	4	20	4	20	5	20	1	18	3	17	7	17	3	17	0	17	5	17	7	17	1	17	1	23
24	20	3	20	1	19	7	19	1	17	2	16	11	17	0	17	2	17	9	18	0	17	3	17	5	24
25	19	11	19	8	18	6	17	11	16	11	17	2	17	6	17	11	18	3	—	—	17	7	—	—	25
26	19	4	18	11	17	6	17	2	17	7	18	0	18	4	18	8	18	6	18	8	17	10	18	1	26
27	18	6	18	2	17	1	17	3	18	6	—	—	—	—	19	0	18	10	19	0	18	4	18	7	27
28	17	10	17	8	17	7	18	0	18	11	19	4	19	3	19	6	19	2	19	4	18	9	19	0	28
29	17	8	19	9	—	—	18	6	19	8	20	0	19	8	19	10	19	5	19	5	19	2	19	4	29
30	18	1	18	5	19	0	19	5	20	3	20	5	20	0	20	0	19	5	19	5	19	5	19	6	30
31	—	—	18	9	19	9	20	1					20	0	20	0					19	7	19	8	31

A fall of an inch in the barometer will cause the tide to rise about 13 inches above the usual height, and *vice versâ* when the barometer is high.

OCCULTATIONS OF FIXED STARS, &c., BY THE MOON, VISIBLE AT GREENWICH.

Month and Day	Star's Name	Magnitude	Disappearance				Re-appearance			
			Sidereal Time	Mean Time	Ang. from N. Point	Ang. from Vertex	Sidereal Time	Mean Time	Ang. from N. Point	Ang. from Vertex
1879			h m	h m	°	°	h m	h m	°	°
Jan. 3	ε Arietis	4·5	22 39	3 48	11	330	23 16	4 25	301	261
6	139 Tauri	5·6	6 8	11 4	35	42	7 1	11 56	312	335
7	ε Geminorum	3·4	0 22†	5 14	179	139				
7	ω Geminorum	6	9 25	14 16	111	148	10 18	15 9	212	253
9	o^2 Cancri	6	11 47	16 30	4	38	12 23	17 5	298	336
26	λ Piscium	5	1 34	5 11	68	90	2 16	5 53	359	26
27	45 Piscium	6	2 30	6 4	189	214	3 2	6 35	237	266
31	16 Tauri	5·6	8 11	11 28	93	136	9 16	12 33	276	317
	17 Tauri	4	8 22	11 39	48	91	9 6	12 23	321	3
	19 Tauri	5	8 33	11 50	136	178	9 21	12 37	233	274
	20 Tauri	5	8 43	12 0	107	149	9 44	13 1	261	302
	23 Tauri	5	9 26†	12 42	4	45				
	η Tauri	3	9 46	13 2	27	67	10 9	13 25	341	20
	28 Tauri	5·6	10 29	13 45	32	70	10 55	14 12	335	12
	27 Tauri	4	10 41†	13 58	4	41				
Feb. 4	58 Geminorum	6	4 33	7 35	18	341	5 8	8 10	320	288
5	θ Cancri	6	10 54	13 51	44	77	11 56	14 53	261	300
7	43 Leonis	6	12 39	15 27	80	107	13 38	16 27	215	248
8	p^5 Leonis	5	12 11	14 55	6	18	12 56	15 41	284	304
13	π Scorpii	3	14 31	16 56	101	88	15 24	17 48	228	223
26	26 Arietis	6	6 10	7 45	104	143	7 19	8 54	285	326
Mar. 3	ω Geminorum	6	8 4	9 19	113	133	9 2	10 16	212	246
5	o^2 Cancri	6	10 51	11 58	353	20	11 18	12 25	308	339
9	q Virginis	6	10 21	11 12	68	47	11 27	12 17	224	213
Apr. 1	θ Cancri	6	10 16	9 37	87	114	11 19	10 40	218	254
3	B. A. C. 3529	6	12 34	11 46	20	47	13 27	12 39	275	307
	43 Leonis	6	13 44	12 56	130	164	14 5	13 17	169	204
4	p^5 Leonis	5	12 42	11 50	27	44	13 41	12 49	265	291
30	B. A. C. 3398	6	12 30	9 56	358	28	13 4	10 30	298	331
May 3	q Virginis	6	12 5	9 19	114	110	12 42	9 56	179	182
June 3	B. A. C. 5347	5	13 10‡	8 22	344	319				
11	λ Piscium	5	18 26	13 6	71	33	19 10	13 50	346	310
July 4	B. A. C. 6889	6	18 59	12 9	49	39	19 33	12 42	356	352
28	α Scorpii	1·2	18 2	9 37	152	168	18 32	10 7	200	220
Aug. 1	ν Capricorni	5·6	21 48	13 6	109	121	22 57	14 16	308	331
3	ρ Aquarii	5·6	20 51	12 3	114	99	22 6	13 17	314	312
9	ε Arietis	4·5	21 42	12 29	115	73	22 46	13 33	290	249
10	23 Tauri	5	20 50†	11 33	196	158				
	27 Tauri	4	22 5†	12 49	197	156				
24	B. A. C. 5347	5	17 13	7 2	358	10	17 22	7 11	345	358
27	B. A. C. 6576	6	17 40	7 17	81	67	18 51	8 28	308	305
Sept. 2	45 Piscium	6	2 11	15 24	132	154	3 25	16 37	289	321
5	μ Arietis	5·6	23 16	12 17	70	31	0 8	13 8	341	307
6	9 Tauri	6	2 13	15 10	63	41	3 13	16 9	332	326
12	o^1 Cancri	6	2 53	15 26	101	61	3 46	16 19	225	185
25	B. A. C. 7263	6	23 52	11 35	155	182	0 47	12 29	263	296
26	λ Capricorni	5·6	23 2	10 40	117	132	0 14	11 53	308	333
Oct. 1	101 Piscium	6	22 44	10 3	121	89	23 58	11 17	300	278
4	36 Tauri	6	23 26	10 33	121	78	0 32	11 39	273	231
5	k Tauri	5·6	0 13	11 16	77	34	1 16	12 19	304	262
7	B. A. C. 2238	6	4 33	15 28	123	88	5 34	16 29	220	199
11	B. A. C. 3529	6	6 10	16 48	107	70	6 57	17 35	198	166
24	θ Aquarii	4·5	21 23	7 12	141	132	22 38	8 27	287	291
30	ε Arietis	4·5	1 49	11 13	180	162	2 19	11 43	224	214
Nov. 4	δ Geminorum	3·4	1 56	11 1	140	98	2 33	11 37	208	166
	63 Geminorum	5·6	6 7	15 11	83	62	7 28	16 32	243	245
7	B. A. C. 3398	6	5 32	14 24	117	79	6 13	15 5	192	156
	B. A. C. 3407	6	6 49	15 41	27	355	7 48	16 40	277	252
	π Leonis	5	8 8	17 0	31	9	9 15	18 6	267	258

† Near approach. ‡ Below horizon.

OCCULTATIONS OF FIXED STARS, &c., BY THE MOON, VISIBLE AT GREENWICH.

Month and Day	Star's Name	Magnitude	Disappearance				Re-appearance			
			Sidereal Time	Mean Time	Ang. from N. Point	Ang. from Vertex	Sidereal Time	Mean Time	Ang. from N. Point.	Ang. from Vertex
1879			h m	h m	°	°	h m	h m	°	°
Nov. 10	q Virginis	6	8 28	17 8	122	89	8 57	17 37	176	145
18	σ Capricorni ...	5·6	22 26	6 36	98	118	23 29	7 40	315	344
22	16 Piscium	6	0 1	7 55	149	156	1 12	9 6	279	298
23	45 Piscium	6	3 7	10 57	85	114	4 7	11 57	330	5
26	μ Arietis	5·6	0 45	8 24	102	75	2 4	9 42	306	297
27	9 Tauri	6	4 0	11 34	137	147	5 10	12 43	249	276
28	62 Tauri	6	0 47	8 18	72	30	1 51	9 22	315	279
29	118 Tauri	6	8 41	16 6	150	192	9 6	16 32	193	236
30	5 Geminorum ..	6	1 54	9 16	119	76	2 57	10 19	242	202
Dec. 2	B. A. C. 2683 ...	6	7 53	15 7	84	83	9 9	16 23	228	247
4	o Leonis	3·4	7 16	14 22	20	353	8 12	15 18	284	265
19	κ Piscium	4·5	4 49	10 56	126	164	5 46‡	11 53	284	322
22	101 Piscium	6	23 10	5 6	63	34	23 52	5 49	357	335
25	36 Tauri	6	0 8	5 52	150	108	0 59	6 43	242	202
26	k Tauri	5·6	0 44	6 24	131	88	1 44	7 25	249	209
27	132 Tauri	5·6	23 35	5 12	81	41	0 35	6 11	288	245

*** The Angles are reckoned towards the right hand round the circumference of the Moon's image as seen in an inverting telescope. For direct image, take the opposite points; that is, in numbers, add or subtract 180°. The "Angles from North Point and Vertex" will also indicate the position of the meridian; thus, if the larger angle be that in the left-hand column, the objects will be situated on the left of the meridian; and *vice versâ*. The "Sidereal Times" are given for the use of those having observatories and astronomical Sidereal clocks. General readers will take the times of "disappearance" and "reappearance" from the columns headed "Mean Time," and they will bear in mind that they are always counted from noon. When the time stated is less than 12h it therefore denotes the time in the afternoon: when it exceeds the 12h, by rejecting the 12h the remainder will indicate the time on the following morning; and, in each case, according to Greenwich mean time, which is now uniformly exhibited by railway and public clocks in the United Kingdom.

MEMORANDA FOR NEXT YEAR, 1880.

N.B. As towards the end of the year, or even earlier, information concerning the coming year is often wanted, we give a synopsis of the information most required:—

1880 I.—*Beginnings of the Months and Sundays* in 1880.

Jan. 1, Thursday.
" 4, Sunday.
" 11, "
" 18, "
" 25, "
Feb. 1, Sunday.
" 8, "
" 15, "
" 22, "
Mar. 1, Monday.
" 7, Sunday.
" 14, "
" 21, "
" 28, "

April 1, Thursday.
" 4, Sunday.
" 11, "
" 18, "
" 25, "
May 1, Saturday.
" 2, Sunday.
" 9, "
" 16, "
" 23, "
" 30, "
June 1, Tuesday.
" 6, Sunday.
" 13, "
" 20, "
" 27, "

July 1, Thursday.
" 4, Sunday.
" 11, "
" 18, "
" 25, "
Aug. 1, Sunday.
" 8, "
" 15, "
" 22, "
" 29, "
Sept. 1, Wednesday.
" 5, Sunday.
" 12, "
" 19, "
" 26, "

Oct. 1, Friday.
" 3, Sunday.
" 10, "
" 17, "
" 24, "
" 31, "
Nov. 1, Monday.
" 7, Sunday.
" 14, "
" 21, "
" 28, "
Dec. 1, Wednesday.
" 5, Sunday.
" 12, "
" 19, "
" 26, "

II.—*Moveable Feasts*, 1880.

Septuagesima Sunday	Jan. 25	Low Sunday	April 4
Quinquagesima, Shrove Sunday	Feb. 8	Rogation Sunday	May 2
Ash Wednesday	" 11	Ascension Day—Holy Thursday	" 6
Quadragesima Sunday	" 15	Whit Sunday	" 16
Palm Sunday	Mar. 21	Trinity Sunday	" 23
Good Friday	" 26	Corpus Christi	" 27
Easter Sunday	" 28	First Sunday in Advent	Nov. 28

A TABLE OF THE DURATION OF MOONLIGHT AFTER SUNSET AND BEFORE SUNRISE THROUGHOUT THE YEAR 1879.

Day of Mth.	January 16 h	Feb. 14 h	Mar. 12 h	Apr. 10 h	May 8 h	Jun. 8 h	July 8 h	Aug. 10 h	Sept. 12 h	Oct. 14 h	Nov. 16 h	Dec. 16 h
1	.....	.....	☽	.....	.....	.....	.....	.....			.....	.....
2	.....	.....	.....	.....	.....	.....	.....	○			.....	.....
3	.....	.....	.....	.....	.....	.....	○			.....	.....	.....
4	.....	.....	.....	.....	.....	○	.....	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	○	○	.....	.....	.....	.....	.....	.....	..... ☾
7	.....	○	.....	.....	.....	.....	.....	.....	.....	.....	..... ☾	.....
8	○	.....	○	.....	.....	.....	.....	.....	..... ☾	..... ☾	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	☾	.....	.....	.....
11	.....	.....	.....	.....	.....	..... ☾	..... ☾	.....	.....	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	..... ☾	.....	..... ☾	..... ☾	.....	.....	.....	.....	.....	.....	..... ●
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	●	.....
15	..... ☾	.....	..... ☾	.....	.....	.....	.....	.....	.....	●	.....	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	●	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	●	.....	.....	.....	.....
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	.....	.....	.....	.....	.....	●	●	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	☽	☽ .....
21	.....	●	.....	●	●	.....	.....	.....	.....	.....	.....	.....
22	●	.....	●	.....	.....	.....	.....	.....	☽	☽	.....	.....
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	.....	.....	.....	.....	.....	.....	☽	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	.....	.....	.....	.....	.....	☽	.....	.....	.....	.....	.....
27	.....	.....	.....	.....	.....	☽	.....	.....	.....	.....	.....	.....
28	.....	.....	.....	.....	☽	.....	.....	.....	.....	.....	○	○
29	.....		.....	☽	.....	.....	.....	.....	.....	.....	.....	.....
30	☽		.....	.....	.....	.....	.....	.....	○	○	.....	.....
31	.....		☽		.....		.....	○				.....

The figures under the name of each month denote the number of hours nearly, between sunset and sunrise. The points denote the hours of *darkness;* and their position .....'''''' indicates the one ..... before, the other '''''' after midnight. The blank spaces show when it is moonlight.

Dominical Letter	E	Septuagesima Sunday	Feb.	9
Golden Number	18	Shrove Tuesday	Feb.	25
Cycle of the Sun	12	Easter Sunday	April	13
Epact	7	Whit Sunday	June	1
Roman Indiction	7	Trinity Sunday	June	8
Julian Period	6592	Advent Sunday	Nov.	30

This Year 1879 *is the Third after Bissextile.*

ECLIPSES, &c., IN 1879.

January 22. SUN annularly eclipsed, *invisible* at Greenwich. Begins on the earth generally at 9h. 0m. A.M. in long. 51° 3′ W., lat. 24° 0′ S.; ends generally at 2h. 46′ P.M. in long. 47° 18′ E., lat. 11° 20′ N. Central eclipse at noon at 11h. 46m. A.M. in long. 6° 28′ E., lat. 31° 0′ S. Visible in South America, Africa, and on the South Atlantic and Indian Oceans, including the Island of Madagascar. At the Cape of Good Hope, a partial eclipse is visible; magnitude (sun's diameter = 1)0·736; begins at 11h.46m. A.M.; greatest phase at 1h. 20m. P.M.; ends at 2h. 45m. mean time at the Cape.

July 19. SUN, annularly eclipsed, also *invisible* at Greenwich. Begins on the earth generally at 6h 11m A.M. in long. 5° 13′ W., lat. 10° 32′ N.; ends generally, at 11h 58m A.M. in long. 83° 50′ E., lat. 20° 31′ S. Central eclipse at noon at 9h 9m A.M. in long. 44° 13′ E., lat. 12° 18′ N. Visible in Africa and on the Indian Ocean, including, as in the former, the Island of Madagascar.

December 28. MOON partially eclipsed, partly *visible* at Greenwich. Begins below the horizon at 3h 37·4m P.M.; the moon rises eclipsed at 3h 48m P.M.; middle at 4h 26m P.M.; eclipse ends at 5h 14·8m P.M. Magnitude (moon's diameter = 1) 0·167 on the lower limb. Visible throughout Europe, Asia, and Australia; also to an eastern portion of Africa, and on the Indian and Pacific Oceans.

*

Venus will be an *evening star* until September 24, the time of her inferior conjunction with the Sun; and she will be a *morning star* after that date.

Mars will be in opposition to the Sun on November 12. Mars is attended by two Satellites, discovered by Prof. Hall, U.S.

Jupiter will be in opposition to the Sun on August 31.

Saturn will be in opposition to the Sun on October 5. The splendid rings of the planet, from change of position with respect to the earth, are gradually opening to our view. The planet will be in conjunction with Venus on March 3; and with Mars on June 30.

Illuminated Discs of Venus and Mars, 1879.

1879	Venus	Mars	1879	Venus	Mars
January 15	0·987	0·957	July 15	0·493	0·839
February 14	0·959	0·935	August 15	0·288	0·848
March 15	0·916	0·911	September 15	0·026	0·886
April 15	0·848	0·886	October 15	0·130	0·956
May 15	0·758	0·864	November 15	0·388	1·000
June 15	0·638	0·846	December 15	0·557	0·954

This table shows the versed sines of the bright portions of the telescopic discs in parts of the apparent diameters of the planets.

THE FOUR QUARTERS OF THE YEAR 1879.

Spring Quarter begins	March 20	at	midnight.
Summer ,,	June 21	at	8h afternoon.
Autumnal ,,	Sept. 23	at	10h morning.
Winter ,,	Dec. 22	at	4h morning.

* Note.—In Great Britain, at all places, Greenwich or Railway time is used in common, so that the eclipses of the Moon will not require any correction for longitude.

IN THE SEVERAL COUNTIES OF ENGLAND AND WALES.

By the Act 1 Will. IV. c. 70, it is enacted that "in the year 1831, and afterwards, the Justices of the Peace in every county, riding, or division, for which Quarter Sessions of the Peace by law ought to be held, shall hold their general Quarter Sessions of the Peace in the first whole week after the 11th October, in the first week after the 28th of December, in the first week after the 31st of March, and in the first week after the 24th of June." The following list has been computed according to this rule.

The Act 4 and 5 Will. IV. cap. 47, allows a discretionary power to the Justices of Peace as to the time of holding the Spring Quarter Sessions, and empowers them to alter the day for holding the Sessions, so as not to be earlier than the 7th of March, nor later than the 22nd of April. The dates given below are, therefore, only provisionally fixed, and may be altered.

BEDFORD—Tu. April 8, July 1, Oct. 14.

BERKS—M. *Reading*, April 7, June 30, Oct. 13.

BUCKS—M. *Aylesbury*, same as *Berks*.

CAMBRIDGE — *Cambridge* County, F. Jan. 3, April 11, July 4, Oct. 17.

CHESHIRE—M. as *Berks*; at *Chester*, Jan. and July; at *Knutsford*, April and Oct.

CORNWALL—*Bodmin*, Tu. same as *Bedford*.

CUMBERLAND—Tu. as *Bedford*, at *Carlisle*.

DERBYSHIRE—*Derby*, Tu. same as *Bedford*.

DEVONSHIRE—*Exeter*, Tu. same as *Bedford*, and Feb. 11.

DORSETSHIRE—*Dorchester*, Tu. same as *Bedford*.

DURHAM—M. same as *Berks*.

ELY, Isle of—Wed. as *Norfolk*, at *Wisbech*, Jan. and July; at *Ely*, April and Oct.; adjourned to *March*, on Tu. Feb. 11, May 13, Aug. 12, and Nov. 11.

ESSEX—*Chelmsford*, Tu. as *Bedford*.

GLOUCESTERSHIRE—*Gloucester*, Tues. as *Beds*.

HAMPSHIRE—*Winchester*, M. as *Berks*.

HEREFORDSHIRE—*Hereford*, M. as *Berks*.

HERTFORDSHIRE—*Hertford*, M. same as *Berks*; also on Wed. Jan. 1, July 2. *St. Alban's*, Tu. as *Bedford*; also on Th. April 10 and Oct. 16.

HUNTINGDONSHIRE — *Huntingdon*, Mon. same as *Berks*.

KENT—*Maidstone*, Th. Jan. 2, April 10, July 3, Oct. 16. *Canterbury*, Tu. in the same week.

LANCASHIRE—*Lancaster*, M. as *Berks*; *Preston*, following Wed.; *Salford*, following Mon.; *Kirkdale*, Tu. week following.

LEICESTERSHIRE—*Leicester*, M. as *Berks*.

LINCOLNSHIRE—

Parts of Lindsey—Lincoln, F. Jan. 3, April 11; July 4; Oct. 17.

Parts of Kesteven—Bourn, Tu. July 1. *Sleaford*, Tu. April 8, Oct. 14. *Spittlegate*, Tu. Jan. 14, April 22, July 15, Oct. 28.

Parts of Holland—Boston, Mon. as *Berks*. *Spalding*, Th. as *Kent*.

MIDDLESEX—General or adjourned Sessions are held at least twice a month at the Sessions House, *Clerkenwell*, usually on the alternate Tuesdays; and adjourned Sessions are also held at Westminster (Broad Sanctuary). The LONDON Sessions are held four times a year at the Guildhall. The *Tower Liberty* Sessions are held eight times a year at the Sessions House, Wellclose-square.

MONMOUTHSHIRE—*Usk*, T. as *Bedford*.

NORFOLK — *Shire House, Norwich*, W. Jan. 1, April 9, July 2, Oct. 15, adjourned to *Swaffham* following Wed.

NORTHAMPTONSHIRE— *Northampton*, W. as *Norfolk*. *Peterborough*, following day.

NORTHUMBERLAND — *Newcastle-on-Tyne*, W. Jan. 1, *Morpeth*, April 9, *Hexham*, July 2, *Alnwick*, Oct. 15, *Berwick*, on previous Friday

NOTTINGHAMSHIRE—*Nottingham*, M. as *Berks*. *Newark*, M. April 14, Oct. 20. (Annual Sessions. F. Jan. 10.) *East Retford*, M. Jan. 6, July 7.

OXFORDSHIRE—M. as *Berks*.

RUTLANDSHIRE—*Oakham*, Th. as *Maidstone (Kent)*.

SHROPSHIRE—*Shrewsbury*, M. as *Berks*.

SOMERSETSHIRE — Tu. *Taunton*, July 1. *Wells*, April 8, Oct. 14.

STAFFORDSHIRE—*Stafford*, M as *Berks*, except Tu. in April, as *Bedford*.

SUFFOLK — *Ipswich*, Th. as *Maidstone (Kent)*, adjourned to *Bury* on following Tuesday.

SURREY—*Newington*, Tu. as *Bedford*.

SUSSEX — Eastern Division: *Lewes*, M. same as *Berks*. Western Division: *Petworth*, Th. Jan. 2, and April 10. *Horsham*, July 3. *Chichester*, Oct. 16.

WARWICKSHIRE—*Warwick*, Tu. as *Bedford*; *Coventry*, Th. as *Maidstone (Kent)*.

WESTMINSTER—City, are generally held on the Thursday preceding the Quarter Sessions for *Middlesex*.

WESTMORLAND — Thursday as *Kent*, *Appleby*, Jan. and July, *Kendal*, April and Oct.

WILTSHIRE—Tu. *New Sarum*, April 8. *Warminster*, July 1. *Marlborough*, Oct. 14.

WORCESTERSHIRE — *Worcester*, M. same as *Berks*.

YORKSHIRE—EAST RIDING: *Beverley*, Tu. as *Bedford*. WEST RIDING: *Sheffield*, Th. Jan. 2. *Wakefield*, M. April 7. *Bradford*, M. June 30. *Rotherham*, Th. July 3. *Wakefield*, M. Oct. 13. *Doncaster*, Th. Oct. 16. NORTH RIDING: *Northallerton*, Tu. as *Bedford*. City same as *Berks*.

The Quarter Sessions through NORTH and SOUTH WALES are held by the same rule as the foregoing, the magistrates determining the day of the week on which the Sessions shall commence.

DIVIDENDS

are due at the Bank at the following dates, and are payable after an interval of one day, or, if a Sunday intervene, of two days.

Bank Stock	Apr. 5,	Oct. 5
3 per Cent. Cons.	Jan. 5,	July 5
3 per Cent. Reduc.	Apr. 5,	Oct. 5
New 3 per Cent. Annuit.	Apr. 5,	Oct. 5
New 2½ per Cent.	Jan. 5,	July 5
New 3½ per Cent. Ann...	Jan. 5,	July 5
East India Bonds	Mar. 31,	Sep. 30
India 5 per Cent. Stock..	Jan. 5,	July 5
India 4 per Cent. Stock..	Apr. 5,	Oct. 5
India 4 per Cent. Transfer Loan	Apr. 25,	Oct. 25
Anns. for terms of years	Jan. 5,	July 5
Ditto ditto	Apr. 5,	Oct. 5
Red Sea Telegraph Ann.	Feb. 4,	Aug. 4
Anns. for 30 years, 1885	Apr. 5,	Oct. 5

An important alteration as to the receipt of dividends was made in August, 1869. Under this arrangement any holder of stock in the public funds, residing within the United Kingdom, may have the dividend warrants forwarded by post, upon making application to that effect to the chief accountant of the Bank of England, not later than 1 month and 5 days before the date on which the dividends are due.

THE TRANSFER DAYS

are Tuesday, Wednesday, Thursday, and Friday.

Tickets for preparing Transfer of Stock must be given in at each Office before 1 o'clock.—Private Transfers may be made at other times than as above, by paying 2*s.* 6*d.* extra for each Transfer; but no Transfer can be made after 1 o'clock on Saturdays. May 1 and Nov. 1 are closed days for the purposes of transfer. For Transfer of Bank Stock the books are shut for at least ten days before the dividends become due; in all other Stocks the Transfers can be made at any time (except on the holidays); but a month before the dividends become due they are made *ex dividend.*

EXPENSE OF TRANSFER.

Bank Stock, not exceeding £25 9*s.* above that sum, 12*s.*

Private transfer days, 2*s.* 6*d.* extra. Transfers in Consols and other Government Stocks are exempt from duty.

HOLIDAYS KEPT AT THE PUBLIC OFFICES IN 1879.

At the Exchequer all holidays are abolished except Christmas Day and Good Friday.

Excise, Stamps, and Taxes Offices.

Good Friday, April 11. Day appointed to be kept as the Queen's Birthday. Coronation Day, June 28. Prince of Wales's Birthday, Nov. 9. Christmas Day, Dec. 25. All the above days are also ordered to be kept as holidays by the officers and servants of the Custom House and the Dock Companies of the United Kingdom, except the Prince of Wales's Birthday and the Coronation Day. At the Stamps and Taxes Office, the Restoration of Charles II., May 29; Whit Monday and Tuesday (June 2 and 3) are kept in addition.

Bank Holidays.

Good Friday, Easter Monday, Whit Monday, First Monday in August, Christmas Day. *Note.*—Bills of Exchange falling due on Good Friday and Christmas Day are payable on the *previous* day; those due on the other holidays being payable on the following day.

LAW SITTINGS, 1879.

HILARY SITTINGS begin 11th January—End 9th April.
EASTER SITTINGS begin 22nd April—End 30th May.
TRINITY SITTINGS begin 10th June—End 8th August.
MICHAELMAS SITTINGS begin 2nd Nov.—End 21st December.

OXFORD TERMS.

	Begins.	Ends.
Lent Term	Jan. 14.....	Apr. 5
Easter Term	Apr. 16.....	May 30
Trinity Term	May 31.....	July 5
Michaelmas Term ..	Oct. 10.....	Dec. 17

The Act will be July 1.

CAMBRIDGE TERMS.

	Begins.	Divides.	Ends.
Lent....	Jan. 13...	Feb. 22 midn.	April 4
Easter ..	Apr. 18...	May 19 midn.	June 20
Mich. ..	Oct. 1...	Nov. 8 noon.	Dec. 16

The Commencement will be June 17.

TERMS IN ENGLAND.

Usually taken in Leases.

25 March	Lady Day.
24 June.....	Midsummer Day.
29 Sept.....	Michaelmas Day.
25 Dec.	Christmas Day.

IN SCOTLAND.

Candlemas.....	Feb 2.
Whitsun Day*	May 15.
Lammas.....	Aug. 1.
Martinmas.....	Nov. 11.

* This term in Scotch leases does not depend upon the moveable Feast of Whitsuntide, but is permanent, that is, the date is fixed.

MONTHLY NOTICES.

1. Quarter Sessions in this week.
1. Leipzig fair—manufactured goods and pleasure, the business commences 3 or 4 days earlier.
5. Half-yearly dividends due. See p. 13.
9. Fire Insurance due at Christmas must be paid by this day, or the policy becomes void.
12-13. Denbigh—cattle, horses, sheep; gen.
26. Brunswick—miscellaneous, including manufactured goods.

Registration.—Births.—To be registered within 42 days by personal notice to the registrar of the district, *without any fee.*

Deaths.—To be registered in the same manner as births, but within 5 days, as the undertaker has to give a certificate to the minister, who, if he buries the body without one, is bound to give notice forthwith to the registrar.

As the *cause* of death is to be entered, sound discretion should be exercised in ascertaining its real nature, for which important purpose every facility should be given.

PROPER LESSONS.

	Morning.		*Evening.*		
1 Circ.	Gen. 17, v. 9	Romans 2, v. 17	Deuteronomy 10, v. 12	Colossians 2, v. 8-18
5 S.	Isaiah 42	Matthew 4 to v. 23	Isaiah 43; *or* 44	Acts 8
12 S.	„ 51	„ 7, v. 7	„ 52, v. 13 & 53; *or* 54	„ 7, v. 35 to 8 v. 5
19 S.	„ 55	„ 11	„ 57; *or* 61	„ 11
26 S.	„ 62	„ 14, v. 13	„ 65; *or* 66	„ 15, v. 30 to 16 v. 16

Day of the Week	Day of the Year	Sundays and Remarkable Days
1 W	1	*Circumcision.* Bank Hol. in Scotland.
2 Th	2	.. ..
3 F	3	.. ..
4 S	4	.. ..
5 S	5	2 *Sunday aft. Christmas.*
6 M	6	*Epiphany.*
7 Tu	7	.. ..
8 W	8	*Pr. Alb. V. of W. b.* 1864.
9 Th	9	.. ..
10 F	10	.. ..
11 S	11	Hilary Law Sittings beg.
12 S	12	1 *Sun. after Epiphany.*
13 M	13	Plough Monday. Hilary: Camb. T. beg.
14 Tu	14	Oxford Lent Term beg.
15 W	15	.. ..
16 Th	16	.. ..
17 F	17	.. ..
18 S	18	.. ..
19 S	19	2 *Sun. after Epiphany.*
20 M	20	.. ..
21 Tu	21	.. ..
22 W	22	.. ..
23 Th	23	*Duke Edinb. mar.* 1874.
24 F	24	.. ..
25 S	25	*Conv. St. Paul.* *Prs. Royal mar.* 1858.
26 S	26	3 *Sunday after Epiphany.*
27 M	27	.. ..
28 Tu	28	.. ..
29 W	29	.. ..
30 Th	30	.. ..
31 F	31	.. ..

ASTRONOMICAL PHENOMENA.

Mercury, in the constellation Sagittarius, is visible a little before sunrise about the 16th, at greatest elongation 24° 0′ W.

Venus, in the constellation Capricornus, is an evening star. On the 15th, sets at 5h 5m P.M.

Mars, in the constellations Scorpio and Sagittarius, is visible in the mornings. On the 15th, rises at 5h 21m A.M.

Jupiter, in the constellation Capricornus, is visible in the evenings. On the 8th, in conjunction with the star θ Capricorni, at 0° 7′ N. On the 15th sets at 5h 59m P.M. On the 24th, in conjunction with Venus at 0° 47′ S.

Saturn, in the constellation Pisces, is visible in the evenings. On the 15th, sets at 10h 7m P.M.

Uranus is in the constellation Leo. On the 15th, passes the meridian at 2h 47m A.M.

Neptune is in the constellation Aries. On the 15th, passes the meridian at 6h 42m P.M.

The ***Moon***, on the 14th, at 4h P.M., in Perigee; on the 19th, at 6h A.M., in conjunction with Mars, at 3° 41′ N.; on the 20th, at 1h P.M., with Mercury at 3° 16′ N.; on the 23rd, at 1h P.M., with Venus at 2° 37′ S.; at 2h P.M., with Jupiter, at 1° 54 S.; on the 27th, at 7h A.M. with Saturn at 7° 18′ S.; and on the 29th, at 6h A.M., in Apogee.

The ***Constellation*** Canis Major will be on the meridian about midnight in the beginning, and Gemini and Canis Minor about the middle of the month.

Eclipses of Jupiter's Satellites

are not visible this month, Jupiter being too near the Sun.

Hebrew Calendar.

1879		5639
Jan. 1	6	Thebet.
5	10	„ Fast. Siege of Jerusalem.
25	1	Sebat.

Mohammedan Calendar.

1879		Hegira, 1296
Jan. 1	7	Moharem
4	10	„ Ashura.
7	13	„ Fortunate Days.
8	14	„
9	15	„
25	1	Shaphar.

THERMOMETRICAL REGISTER.

JANUARY, 1878.

	Highest.	Lowest.		Highest.	Lowest.
1	45·2	32·0	17	46·6	35·7
2	48·0	41·5	18	42·1	28·0
3	47·7	42·0	19	45·5	29·8
4	47·9	42·0	20	47·2	40·6
5	45·3	41·7	21	54·8	43·2
6	47·3	42·7	22	54·8	47·3
7	43·1	35·0	23	48·4	35·6
8	42·3	34·0	24	42·6	34·6
9	39·3	33·1	25	36·9	29·4
10	41·4	30·8	26	42·0	32·1
11	38·3	25·7	27	39·6	29·9
12	36·2	26·5	28	42·5	33·3
13	44·8	36·2	29	40·3	30·7
14	50·7	42·8	30	39·5	29·7
15	54·2	43·5	31	39·4	31·0
16	51·1	41·7			

THE MOON'S CHANGES.

Full ..... 8th day, 11h. 48m. morn.
Last Quart...15th day, 11h. 2m. morn.
New.....22nd day, 11h. 51m. morn.
First Quart..30th day, 11h. 45m. morn.

☽'s Dec. on the 6th, 26° 44′ N; 13th, 0°; 19th, 26° 45′ S; 26th, 0°.

M. D.	L. of Day	Day's incr.	Day brk.	Twil. ends	⊙'s semi-di.
1	7 50	0 6	6m2	6a5	16′ 18″
6	7 57	0 13	6 2	6 10	16 18
11	8 6	0 22	6 1	6 15	16 18
16	8 18	0 34	5 59	6 21	16 18
21	8 31	0 47	5 56	6 28	16 17
26	8 45	1 1	5 51	6 35	16 17

Day	Sun rises	Eq. Time Clock bef. Sun	Sun sets	Sun's Dec.	Moon's Age	Moon rises	Southing of the Moon	Moon sets	High Water, London Bridge Morn.	High Water, London Bridge Aftern.	Day
	h m	m s	h m	° ′	d	h m	h m	h m	h m	h m	
1	8 8	3 45	3 59	23 s 1	8·6	11m22	6 a 37	0m59	7 22	7 45	1
2	8 8	4 13	4 0	22 56	9·6	11 38	7 20	2 7	8 9	8 38	2
3	8 8	4 41	4 1	22 50	10·6	11 58	8 7	3 18	9 11	9 49	3
4	8 8	5 9	4 2	22 44	11·6	0 a 26	8 57	4 30	10 24	10 59	4
5	8 8	5 36	4 3	22 38	12·6	1 2	9 50	5 39	11 33	— —	5
6	8 7	6 2	4 5	22 31	13·6	1 52	10 45	6 42	0 4	0 33	6
7	8 7	6 28	4 6	22 23	14·6	2 57	11 41	7 33	0 58	1 21	7
8	8 6	6 54	4 7	22 16	○	4 12	morn.	8 14	1 44	2 6	8
9	8 6	7 19	4 9	22 7	16·6	5 34	0 36	8 44	2 25	2 44	9
10	8 5	7 43	4 10	21 59	17·6	6 57	1 29	9 6	3 3	3 23	10
11	8 5	8 7	4 11	21 49	18·6	8 20	2 20	9 24	3 42	4 3	11
12	8 4	8 31	4 13	21 40	19·6	9 43	3 9	9 40	4 24	4 43	12
13	8 3	8 54	4 14	21 30	20·6	11 5	3 57	9 55	5 4	5 23	13
14	8 3	9 16	4 16	21 19	21·6	morn.	4 45	10 11	5 44	6 7	14
15	8 2	9 37	4 17	21 9	☾	0 29	5 35	10 28	6 30	6 53	15
16	8 1	9 58	4 19	20 57	23·6	1 56	6 28	10 49	7 18	7 46	16
17	8 0	10 18	4 21	20 46	24·6	3 21	7 24	11 19	8 16	8 50	17
18	7 59	10 38	4 22	20 34	25·6	4 42	8 22	11 57	9 30	10 13	18
19	7 58	10 57	4 24	20 21	26·6	5 54	9 23	0 a 51	10 55	11 37	19
20	7 57	11 15	4 25	20 8	27·6	6 48	10 22	1 59	— —	0 15	20
21	7 56	11 32	4 27	19 55	28·6	7 30	11 20	3 17	0 50	1 18	21
22	7 55	11 48	4 29	19 42	●	7 59	0 a 13	4 37	1 45	2 8	22
23	7 54	12 4	4 31	19 28	1·0	8 20	1 2	5 56	2 29	2 49	23
24	7 52	12 19	4 32	19 14	2·0	8 36	1 47	7 10	3 9	3 27	24
25	7 51	12 33	4 34	18 59	3·0	8 49	2 29	8 22	3 45	4 3	25
26	7 50	12 47	4 36	18 44	4·0	9 2	3 10	9 32	4 20	4 37	26
27	7 48	12 59	4 38	18 29	5·0	9 15	3 51	10 42	4 53	5 9	27
28	7 47	13 11	4 39	18 13	6·0	9 28	4 32	11 52	5 24	5 39	28
29	7 46	13 22	4 41	17 57	7·0	9 42	5 14	morn.	5 54	6 11	29
30	7 44	13 32	4 43	17 41	☽	10 1	5 59	1 1	6 29	6 48	30
31	7 43	13 41	4 45	17 24	9·0	10 23	6 46	2 11	7 9	7 32	31

MONTHLY NOTICES.

1. Brit. Museum closes for a week.
2. Candlemas-day. Scotch quarter-day.
15. Last day for objecting to owners' votes for Guardians.

Tenancy.—A yearly tenant must give notice to quit half a year before the expiration of the current year of his tenancy. If, by agreement, a quarter's notice is to be sufficient, such notice must also expire with the tenancy, if that is yrly.

Wills.—All wills made in England after Jan. 1838, come under the provisions of the Wills Act, of which an abstract was given in Brit. Almanac for 1838. By it, all property may be disposed of by will; a will must be in *writing*, and must be signed at the bottom or end by the testator, or, if he is unable, by some person on his behalf, by his direction, and in his presence; and two, or more, attesting witnesses (who must be present at the same time) must also sign the will in the presence of the testator. If the testator wishes to acknowledge or reward the attesting witnesses, he must do it some other way than by a bequest: for legacies to attesting witnesses, or to the wife or husband of an attesting witness, are void. No person under 21 can make a valid will. Wills are revoked by subsequent marriage; otherwise a will can only be revoked by destruction, or by the making of a new one; and alterations in wills must be made in the same manner as a will is made. Wills are to be construed as if made immediately before the death of the testator, unless a contrary intention is expressed; and properties bequeathed in general terms include all property in the possession of the testator at his decease, whether acquired before or after the will was made.

[If persons make their own wills, without legal assistance, let them express themselves in a plain simple way, avoiding roundabout phrases, or attempts to imitate legal phraseology.]

PROPER LESSONS.

	Morning.		*Evening.*
2 S. Pur. V.M.	Ex. 13 to v. 17	Matthew 18, v. 21, to 19 v. 3	Haggai 2, to v. 10	Acts 20 to v. 17
9 S. Gen. 1 & 2, to v. 4	Revelation 21, to v. 9	Gen. 2, v. 4; *or* Job 38	Rev. 21, v. 9, to 22, v. 6
16 S. „ 3	Matthew 26 to v. 31	„ 6; *or* 8	Romans 1
23 S. „ 9, to v. 20	Mark 1 to v. 21	„ 12; *or* 13	„ 7
26 S. Ash Wed.	Isa. 58, to v. 13	„ 2 v. 13-23	Jonah 3	Hebrews 12, v. 3-18

Day of the Week		Day of the Year	Sundays and Remarkable Days
1	S	32	Partridge shooting ends.
2	S	33	4 *Sunday aft. Epiphany.* *Candlemas Day.*
3	M	34	.. ..
4	Tu	35	.. ..
5	W	36	.. ..
6	Th	37	.. ..
7	F	38	.. ..
8	S	39	Half-Quarter Day.
9	S	40	*Septuagesima Sunday.*
10	M	41	*Qn. Victoria mar.* 1840.
11	Tu	42	.. ..
12	W	43	.. ..
13	Th	44	.. ..
14	F	45	*St. Valentine.*
15	S	46	.. ..
16	S	47	*Sexagesima Sunday.*
17	M	48	.. ..
18	Tu	49	.. ..
19	W	50	.. ..
20	Th	51	*Prs. Louise of W. b.* 1867.
21	F	52	.. ..
22	S	53	Camb. Term div. mid.
23	S	54	*Shrove Sunday.*
24	M	55	*St. Matthias.*
25	Tu	56	*Shrove Tuesday.* Hare hunting ends.
26	W	57	*Lent begins. Ash Wdnsdy.*
27	Th	58	.. ..
28	F	59	.. ..

ASTRONOMICAL PHENOMENA.

Mercury, in the constellations Capricornus and Aquarius, is near the Sun.

Venus, in the constellations Aquarius and Pisces, is an evening star. On the 15th sets at 6h 45m P.M.

Mars, in the constellation Sagittarius, is visible in the mornings. On the 2nd, in conjunction with the star ^{4} Sagittarii at 0° 4′ S. On the 15th rises at 5h 2m A.M.

Jupiter, in the constellation Aquarius, is in conjunction with the Sun on the 8th.

Saturn, in the constellation Pisces, is visible in the evenings. On the 15th sets at 8h 22m P.M.

Uranus, is in the constellation Leo. On the 15th passes the meridian at 0h 40m A.M. On the 21st in opposition to the Sun, and at transit is in R.A., 10h 17m 45s, Dec. 11° 28′ N.

Neptune is in the constellation Aries. On the 15th, passes the meridian at 4h 41m P.M.

The *Moon*, on the 9th, at midnight, in Perigee; on the 16th, at midnight, in conjunction with Mars at 1° 47′ N; on the 20th, at 11h A.M., with Jupiter, at 2° 36′ S; and with Mercury, at 4° 4′ S; on the the 23rd, at 1h A.M., with Venus, at 5° 51′ S; at 8h P.M., with Saturn, at 7° 19′ S; and on the 25th at midnight in Apogee.

The *Constellations* Ursa Major, Leo Minor, and Leo, will be on the meridian about midnight, after the middle of the month.

Eclipses of Jupiter's Satellites

Are not visible this month, Jupiter being too near the Sun.

Hebrew Calendar.

1879	5639
Feb. 1	8 Sebat.
24	1 Adar.

Mohammedan Calendar.

1879	Hegira, 1296
Feb. 1	8 Shaphar.
6	13 „ Fortunate Days.
7	14 „ Fortunate Days.
8	15 „ Fortunate Days.
23	1 Rabiu I.

THERMOMETRICAL REGISTER.

FEBRUARY, 1878.

	Highest.	Lowest.		Highest.	Lowest.
1	41·4	29·9	15	51·3	36·0
2	42·8	32·7	16	53·7	41·1
3	43·1	38·7	17	60·5	46·4
4	40·6	38·0	18	55·0	39·7
5	38·6	35·7	19	51·7	36·2
6	39·3	30·2	20	46·8	40·7
7	35·1	26·0	21	52·7	37·7
8	38·7	25·1	22	49·4	45·9
9	33·9	29·5	23	53·1	43·9
10	42·7	32·4	24	48·4	41·1
11	43·3	35·6	25	53·7	41·9
12	44·8	33·7	26	52·1	41·7
13	50·8	34·7	27	51·9	43·3
14	49·4	41·3	28	54·4	47·4

THE MOON'S CHANGES.

Full ..... 7th day, 1h. 42m. morn.
Last Quart. ...13th day, 6h. 53m. aftern.
New .....21st day, 4h. 3m. morn.
☽'s Dec. on the 2nd, 26° 45′ N.; 9th, 0°; 15th, 26° 43′ S.; 22nd, 0°.

M. D.	L. of Day	Day's incr.	Day brk.	Twil. ends	☉'s semi-di.
1	9 5	1 21	5m44	6a44	16′ 16″
6	9 22	1 38	5 37	6 52	16 15
11	9 40	1 56	5 29	7 0	16 14
16	9 58	2 14	5 21	7 8	16 13
21	10 17	2 33	5 12	7 16	16 12
26	10 37	2 53	5 2	7 25	16 11

Day	Sun rises	Eq. Time Clock bef. Sun	Sun sets	Sun's Dec.	Moon's Age	Moon rises	Southing of the Moon	Moon sets	High Water, London Bridge Morn.	High Water, London Bridge Aftern.	Day
	h m	m s	h m	° ′	d	h m	h m	h m	h m	h m	
1	7 41	13 50	4 47	17 s 7	10·0	10m55	7 a 37	3m 21	8 0	8 32	1
2	7 40	13 57	4 48	16 50	11·0	11 39	8 31	4 26	9 10	9 59	2
3	7 38	14 4	4 50	16 32	12·0	0 a 36	9 26	5 22	10 43	11 23	3
4	7 36	14 10	4 52	16 15	13·0	1 47	10 22	6 7	— —	0 2	4
5	7 35	14 15	4 54	15 57	14·0	3 8	11 17	6 43	0 34	1 3	5
6	7 33	14 19	4 56	15 38	15·0	4 31	morn.	7 8	1 26	1 48	6
7	7 31	14 22	4 57	15 20	○	5 57	0 9	7 28	2 8	2 28	7
8	7 30	14 25	4 59	15 1	17·0	7 23	1 1	7 47	2 47	3 5	8
9	7 28	14 27	5 1	14 42	18·0	8 48	1 51	8 2	3 24	3 44	9
10	7 26	14 28	5 3	14 22	19·0	10 13	2 41	8 18	4 3	4 23	10
11	7 24	14 28	5 5	14 3	20·0	11 41	3 31	8 35	4 44	5 3	11
12	7 22	14 28	5 7	13 43	21·0	morn.	4 24	8 55	5 23	5 42	12
13	7 20	14 27	5 8	13 23	☾	1 8	5 19	9 21	6 3	6 26	13
14	7 19	14 25	5 10	13 2	23·0	2 32	6 17	9 57	6 51	7 18	14
15	7 17	14 22	5 12	12 42	24·0	3 46	7 17	10 47	7 48	8 25	15
16	7 15	14 19	5 14	12 21	25·0	4 46	8 16	11 48	9 7	9 58	16
17	7 13	14 15	5 16	12 0	26·0	5 28	9 12	1 a 1	10 46	11 33	17
18	7 11	14 10	5 18	11 39	27·0	6 2	10 6	2 19	— —	0 12	18
19	7 9	14 4	5 19	11 18	28·0	6 24	10 55	3 36	0 46	1 12	19
20	7 7	13 58	5 21	10 57	29·0	6 42	11 41	4 52	1 35	1 57	20
21	7 5	13 52	5 23	10 35	●	6 57	0 a 25	6 6	2 17	2 34	21
22	7 3	13 44	5 25	10 13	1·3	7 10	1 6	7 16	2 50	3 5	22
23	7 1	13 36	5 27	9 51	2·3	7 23	1 47	8 26	3 21	3 36	23
24	6 58	13 27	5 28	9 29	3·3	7 35	2 27	9 34	3 52	4 6	24
25	6 56	13 18	5 30	9 7	4·3	7 49	3 9	10 45	4 21	4 35	25
26	6 54	13 8	5 32	8 44	5·3	8 6	3 53	11 55	4 49	5 4	26
27	6 52	12 58	5 34	8 22	6·3	8 27	4 39	morn.	5 18	5 32	27
28	6 50	12 47	5 36	7 59	7·3	8 54	5 28	1 5	5 47	6 5	28

MONTHLY NOTICES.

1 & 2. Bristol, for ten days—miscellaneous.
2. Auditors and Assessors of Boroughs to be elected under Municipal Reform Act.
3. Frankfort-on-the-Oder—goods, &c.
3. Brecknock—leather, hogs, cattle.
4. Wrexham—cattle, horses, hops, &c. (14 days).
4. Carnarvon—horses and pedlery.
6. Bury, Lanc.—horses and cattle.
8. Baldock—cattle.
8. Nottingham—horses and cattle.
8. Tewkesbury—horses, cattle, and sheep.
9 & 10. Denbigh—cattle, horses, sheep, &c.
9 & 10. Shrewsbury—cattle, horses, sheep, &c.
15. Last day for publishing Notice of Elec. of Guard., and first for sending Nomin. to Clerk.
16. Louth—cattle and sheep.
17. Leek—cattle, &c.
22, 23, & 24. Derby—cheese and cattle.
24. East Ilsley—& alt. Weds. till June—sheep.
25. Durham—cattle, sheep, &c., for two days.
26. Cassel—manufactured goods, &c.
26. Last day for send. Nom. of Guard. to Clerk.
29. Breslau—manufactured goods, &c.
29. Wellington—cattle, &c. (monthly).
30. Bromsgrove—cattle, &c. (monthly).
31. Interest on East India Bonds due.
31. Hawkers' licences expire.
31. Refreshment House & Wine Licences exp.
31. Hereford—cattle, sheep, &c.

PROPER LESSONS.

Morning.		*Evening.*	
2 S. Genesis, 19 v. 12–30	Mark 5 v. 21	Genesis 22 to v. 20; *or* 23	Romans 11 v. 25
9 S. „ 27, to v. 41	„ 9, v. 2–30	„ 28; *or* 32	1 Corinthians 1 v. 26 & 2
16 S. „ 37	„ 12, v. 35 to 13 v. 14	„ 39; *or* 40	„ 8
23 S. „ 42	Luke 1, to v. 26	„ 43; *or* 45	„ 14, to v. 20
30 S. Exodus 3	„ 4, v. 16	Exodus 5; *or* 6 to v. 14	2 Corinthians 2 v. 14, & 3

Day of the Week		Day of the Year	Sundays and Remarkable Days
1	S	60	Least Twilight.
2	S	61	1 *Sunday in Lent.*
3	M	62	.. ..
4	Tu	63	.. ..
5	W	64	.. ..
6	Th	65	.. ..
7	F	66	.. ..
8	S	67	.. ..
9	S	68	2 *Sunday in Lent.*
10	M	69	*Pr. of Wales mar.* 1863.
11	Tu	70	.. ..
12	W	71	.. ..
13	Th	72	.. ..
14	F	73	.. ..
15	S	74	.. ..
16	S	75	3 *Sunday in Lent.*
17	M	76	*St. Patrick.*
18	Tu	77	*Princess Louise b.* 1848.
19	W	78	.. ..
20	Th	79	Equal Day and Night.
21	F	80	*Princess Louise mar.* 1871.
22	S	81	.. ..
23	S	82	*Midlent Sunday.*
24	M	83	.. ..
25	Tu	84	*LADY DAY.*
26	W	85	*Duke Camb. b.* 1819.
27	Th	86	.. ..
28	F	87	.. ..
29	S	88	.. ..
30	S	89	5 *Sunday in Lent.*
31	M	90	.. ..

ASTRONOMICAL PHENOMENA.

Mercury, in the constellation Pisces, is visible a little after sunset about the 29th, at greatest elongation 18° 47′ E.

Venus, in the constellations Pisces and Aries, is visible in the evenings. On the 15th, sets at 8h 15m P.M.

Mars, in the constellations Sagittarius and Capricornus, is visible in the mornings. On the 15th, rises at 4h 23m A.M.

Jupiter, in the constellation Aquarius, is visible in the mornings. On the 15th, rises at 5h 34m A.M.

Saturn, in the constellation Pisces, is in conjunction with Venus at 1° 11′ N, on the 3rd; and in conjunction with the Sun on the 26th.

Uranus is in the constellation Leo. On the 15th passes the meridian at 10h 42m P.M.

Neptune, in the constellation Aries, is near the Sun.

The *Moon*, on the 10th, at 1h A.M., in Perigee; on the 17th, at 8h P.M., in conjunction with Mars, at 0° 38′ S.; on the 20th, at 6h A.M., with Jupiter, at 3° 19′ S.; on the 23rd at 10h A.M., with Saturn, at 7° 23′ S.; on the 24th, at 2h P.M., with Mercury, at 3° 37′ S.; on the 25th, at 11h A.M., with Venus, at 5° 37′ S.; and at 2h P.M., in Apogee.

The *Constellation* Ursa Major, and the east part of Leo, will be on the meridian about midnight near the middle of the month.

Eclipses of Jupiter's Satellites

Are not visible this month, Jupiter being too near the Sun.

Hebrew Calendar. 1879	5639		*Mohammedan Calendar.* 1879	Hegira, 1296	
Mar. 1	6 Adar.		Mar. 1	7 Rabiu I.	
6	11	„ Fast of Esther.	5	11	„ Birth of Mohammed.
9	14	„ Purim.	7	13	„ Fortunate Days.
10	15	„ Little Purim.	8	14	„
25	1 Nisan.		9	15	„
			25	1 Rabiu II.	

THERMOMETRICAL REGISTER.

MARCH, 1878.

Highest.	Lowest.	Highest.	Lowest.
1 56·8	50·2	17 49·9	25·1
2 56·4	45·5	18 53·1	39·1
3 57·3	39·0	19 51·7	46·6
4 56·9	41·1	20 54·6	44·7
5 53·0	42·6	21 53·1	43·9
6 55·2	45·8	22 46·0	33·7
7 56·1	46·7	23 45·3	27·9
8 49·1	40·0	24 47·4	24·3
9 43·8	34·0	25 46·4	28·5
10 51·0	40·7	26 48·4	26·0
11 51·9	38·8	27 48·5	32·2
12 51·3	38·0	28 44·6	29·3
13 45·4	33·7	29 35·8	32·3
14 49·5	28·6	30 40·8	30·8
15 45·1	28·1	31 45·8	29·1
16 43·6	27·8		

THE MOON'S CHANGES.

First Quart..1st day, 7h. 58m. morn.
Full.....8th day, 1h. 9m. aftern.
Last Quart...15th day, 3h. 41m. morn.
New.....22nd day, 9h. 4m. aftern.
First Quart...31st day, 1h. 5m. morn.

☽'s Dec. on the 2nd, 26° 39′ N.; 8th, 0°; 14th, 26° 34′ S; 21st, 0°; 29th, 26° 25′ N.

M. D.	L. of Day	Day's incr.	Day brk.	Twil. ends	☉'s semi-di.
1	10 49	3 5	4m56	7a30	16′ 10″
6	11 8	3 24	4 45	7 39	16 9
11	11 28	3 44	4 33	7 48	16 8
16	11 48	4 4	4 21	7 57	16 6
21	12 8	4 24	4 8	8 7	16 5
26	12 28	4 44	3 55	8 17	16 4

Day	Sun rises	Eq. Time Clock bef. Sun	Sun sets	Sun's Dec.	Moon's Age	Moon rises	Southing of the Moon	Moon sets	High Water, London Bridge Morn.	High Water, London Bridge Aftern.	Day
	h m	m s	h m	° ′	d	h m	h m	h m	h m	h m	
1	6 48	12 35	5 37	7 s 37	☽	9m32	6 a 19	2m11	6 25	6 47	1
2	6 46	12 23	5 39	7 14	9·3	10 22	7 13	3 9	7 13	7 44	2
3	6 43	12 11	5 41	6 51	10·3	11 24	8 7	4 0	8 20	9 5	3
4	6 41	11 57	5 43	6 28	11·3	0 a 38	9 1	4 38	9 57	10 48	4
5	6 39	11 44	5 44	6 5	12·3	2 0	9 55	5 8	11 29	— —	5
6	6 37	11 30	5 46	5 41	13·3	3 26	10 47	5 31	0 5	0 34	6
7	6 35	11 16	5 48	5 18	14·3	4 51	11 38	5 50	0 58	1 21	7
8	6 32	11 1	5 50	4 55	○	6 18	morn.	6 7	1 43	2 2	8
9	6 30	10 45	5 51	4 31	16·3	7 47	0 29	6 23	2 20	2 40	9
10	6 28	10 30	5 53	4 8	17·3	9 17	1 21	6 40	2 58	3 18	10
11	6 26	10 14	5 55	3 44	18·3	10 47	2 15	7 0	3 38	3 58	11
12	6 23	9 58	5 56	3 21	19·3	morn.	3 11	7 25	4 18	4 39	12
13	6 21	9 41	5 58	2 57	20·3	0 16	4 10	7 58	4 59	5 19	13
14	6 19	9 25	6 0	2 34	21·3	1 34	5 10	8 43	5 42	6 5	14
15	6 17	9 8	6 2	2 10	☾	2 40	6 11	9 43	6 31	6 59	15
16	6 14	8 51	6 3	1 46	23·3	3 9	7 8	10 52	7 31	8 10	16
17	6 12	8 33	6 5	1 23	24·3	4 4	8 3	0 a 9	8 56	9 50	17
18	6 10	8 16	6 7	0 59	25·3	4 30	8 53	1 25	10 37	11 20	18
19	6 8	7 58	6 8	0 35	26·3	4 49	9 39	2 41	11 58	— —	19
20	6 5	7 40	6 10	0 11	27·3	5 5	10 23	3 54	0 29	0 52	20
21	6 3	7 22	6 12	0 N 12	28·3	5 18	11 4	5 3	1 13	1 32	21
22	6 1	7 4	6 13	0 36	●	5 31	11 45	6 13	1 51	2 7	22
23	5 58	6 46	6 15	1 0	0·6	5 43	0 a 25	7 22	2 22	2 36	23
24	5 56	6 27	6 17	1 23	1·6	5 56	1 6	8 31	2 51	3 6	24
25	5 54	6 9	6 19	1 47	2·6	6 12	1 49	9 42	3 20	3 34	25
26	5 51	5 51	6 20	2 10	3·6	6 32	2 35	10 51	3 50	4 4	26
27	5 49	5 32	6 22	2 34	4·6	6 58	3 22	11 57	4 19	4 33	27
28	5 47	5 14	6 24	2 57	5·6	7 31	4 12	morn.	4 48	5 3	28
29	5 45	4 56	6 25	3 21	6·6	8 15	5 4	0 59	5 19	5 37	29
30	5 42	4 37	6 27	3 44	7·6	9 12	5 57	1 52	5 57	6 20	30
31	5 40	4 19	6 29	4 7	☽	10 18	6 49	2 33	6 46	7 16	31

MONTHLY NOTICES.

1. Refreshment-house licences to be renewed.
4. Frankfort-on-the-Maine—manufactured goods, &c.
5. Dividends on several kinds of Stock become due. Under the new Act of Parliament, 32 & 33 Vict., Cap. 104 (Aug. 11, 1869), dividend warrants are transmitted by post, on application to the Bank of England one month and five days before. Thus, for the dividend due this day, application must be made not later than 1st March.
6. Voting papers for Guardians delivered.
8. Voting papers to be collected, and last day for application for voting papers.
—Quarter Sessions commence.
9. Fire insurance due at Lady Day must be paid on or before this day, or the policy becomes void.
9. Uncollected voting papers may be delivered till noon.
10. Clerk to ascertain the numbers and validity of the votes, and make return of persons elected.
11. Carnarvon—horses and cattle.
12. Ruyton—horses, cattle, sheep, &c.
13, 14. Shrewsbury—cattle, horses, sheep, &c.
13, 14. Denbigh—cattle, horses, sheep, &c.
15, 17. Howden—horses, last day, cattle.
26. Wellington—cattle, sheep, &c. (monthly).
26, 27. Louth—sheep, horses, cattle, &c.
27. Bromsgrove—cattle, &c.

PROPER LESSONS.

	Morning.		*Evening.*	
6 S. Exodus 9	Matthew 26		Exodus 10; *or* 11	Luke 19, *v.* 28; *or* 20, *v.* 9,
11 Good Fri. Genesis 22 to *v.* 20	John 18.		Isaiah 52; *v.* 13 and 53	1 Peter 2 [to *v.* 21
13 S. Exodus 12, to *v.* 29	Revelation 1, *v.* 10 to 19		Exodus 12; *v.* 29; *or* 14	John 20, *v.* 11 to *v.* 19; *or* Rev. 5
20 S. Numbers 16, to *v.* 36	1 Corinthians 15, to *v.* 29		Num. 16, *v.* 36; *or* 17 to *v.* 12	John 20, *v.* 24 to *v.* 30
27 S. „ 20 to *v.* 14	Luke 19, *v.* 28		„ 20, *v.* 14; to 21 *v.* 10; *or* 21 *v.* 10	Philippians 4

Day of the Week	Day of the Year	Sundays and Remarkable Days
1 Tu	91	.. ..
2 W	92	.. ..
3 Th	93	.. ..
4 F	94	Camb. Lent Term ends.
5 S	95	Oxford Lent Term ends.
6 ☩	96	*Palm Sunday.*
7 M	97	*Prince Leopold b.* 1853.
8 Tu	98	. .. .
9 W	99	Hilary Law Sittings end.
10 Th	100	.. ..
11 F	101	*Good Friday.*
12 S	102	.. ..
13 ☩	103	*Easter Sunday.*
14 M	104	{ *Easter Mon.* Bank Hol.
15 Tu	105	{ *Prs. Beatrice born* 1857. *Easter Tuesday.*
16 W	106	Oxf. East. Term begins.
17 Th	107	.. ..
18 F	108	Camb. East. Term begins.
19 S	109	.. ..
20 ☩	110	*Low Sunday.*
21 M	111	.. ..
22 Tu	112	Easter Law Sittings begin
23 W	113	. .. .
24 Th	114	.. ..
25 F	115	{ *St. Mark.*
26 S	116	{ *Princess Alice b.* 1843. .. .. ☽ .. ..
27 ☩	117	*2 Sunday after Easter.*
28 M	118	.. ..
29 Tu	119	.. ..
30 W	120	.. ..

ASTRONOMICAL PHENOMENA.

Mercury, in the constellations Pisces and Aries, is in inferior conjunction with the Sun on the 17th.

Venus, in the constellations Aries and Taurus, is visible in the evenings. On the 15th sets at 9h 55m P.M.; on the 24th in conjunction with the star υ' Capricorni at 0° 8′ S.

Mars, in the constellations Capricornus and Aquarius, is visible in the mornings. On the 9th, in conjunction with the star ϵ Capricorni at 0° 5′ S; on the 15th rises at 3h 21m A.M.

Jupiter, in the constellation Aquarius, is visible in the mornings. On the 15th, rises at 3h 45m A.M.

Saturn, in the constellation Pisces, is near the Sun.

Uranus is in the constellation Leo. On the 15th passes the meridian at 8h 36m P.M.

Neptune, in the constellation Aries, is in conjunction with the Sun on the 30th.

The *Moon*, on the 7th, at 10h A.M., in Perigee; on the 15th, at 8h P.M., in conjunction with Mars, at 3° 24′ S.; on the 16th, at midnight, with Jupiter, at 4° 6′ S.; on the 19th, at 11h A.M., with Saturn, at 7° 32′ S.; on the 21st, at 4h A.M., with Mercury, at 4° 31′ S; at 6h P.M., in Apogee; and on the 24th, at 3h P.M., in conjunction with Venus, at 2° 43′ S.

The *Constellations* Virgo and Centaurus, and the east part of Ursa Major, will be on the meridian about midnight, near the middle of the month.

Eclipses of Jupiter's Satellites

Are not visible this month, Jupiter being too near the Sun.

Hebrew Calendar.		*Mohammedan Calendar.*	
1879	5639	1879	Hegira, 1296
Apr. 1	8 Nisan.	Apr. 1	8 Rabiu II.
8 15	„ Passover.	6 13	„ { Fortu-
9 16	„ 2nd day.	7 14	„ { nate
14 21	„ 7th day.	8 15	„ { Days.
15 22	„ { End of Passover.	23	1 Jomadi I.
24	1 Jyar.		

THERMOMETRICAL REGISTER.

APRIL, 1878.

	Highest.	Lowest.		Highest.	Lowest.
1	47·1	26·9	16	54·8	44·8
2	50·9	33·0	17	60·2	45·7
3	45·2	35·7	18	64·3	41·7
4	54·3	33·0	19	64·3	41·5
5	51·9	34·9	20	56·3	45·5
6	56·7	30·1	21	62·3	44·7
7	50·4	32·1	22	60·3	44·7
8	51·1	35·3	23	59·1	44·7
9	52·1	38·4	24	60·8	40·0
10	51·9	40·9	25	62·8	43·8
11	50·3	43·7	26	60·6	42·3
12	60·4	37·7	27	65·5	39·1
13	62·6	37·6	28	60·4	39·6
14	63·9	47·4	29	64·9	43·8
15	63·1	44·4	30	69·7	49·4

THE MOON'S CHANGES.

Full .....6th day, 10h. 24m. aftern.
Last Quart...13th day, 2h. 9m. aftern.
New .....21st day, 1h. 56m. aftern.
First Quart..29th day, 2h. 16m. aftern.

☽'s Dec. on the 5th, 0°; 11th, 26° 20′ S; 18th, 0°; 25th, 26° 12′ N.

M. D.	L. of Day	Day's incr.	Day brk.	Twil. ends	☉'s semi-di.
1	12 51	5 7	3m38	8a30	16′ 2″
6	13 11	5 27	3 24	8 41	16 1
11	13 31	5 47	3 9	8 53	15 59
16	13 50	6 6	2 54	9 6	15 58
21	14 9	6 25	2 38	9 20	15 56
26	14 27	6 43	2 21	9 34	15 55

Day	Sun rises	Eq. Time Clock bef. Sun	Sun sets	Sun's Dec.	Moon's Age	Moon rises	Southing of the Moon	Moon sets	High Water, London Bridge Morn.	High Water, London Bridge Aftern.	Day
	h m	m s	h m	° ′	d	h m	h m	h m	h m	h m	
1	5 38	4 1	6 30	4 N 31	9·6	11m35	7a41	3m6	7 51	8 33	1
2	5 36	3 43	6 32	4 54	10·6	0a55	8 32	3 30	9 22	10 9	2
3	5 33	3 24	6 34	5 17	11·6	2 19	9 23	3 51	10 49	11 23	3
4	5 31	3 7	6 35	5 40	12·6	3 43	10 13	4 9	11 56	— —	4
5	5 29	2 49	6 37	6 3	13·6	5 12	11 5	4 25	0 24	0 46	5
6	5 27	2 31	6 39	6 25	○	6 41	11 58	4 42	1 7	1 28	6
7	5 24	2 14	6 40	6 48	15·6	8 13	morn.	5 1	1 49	2 9	7
8	5 22	1 57	6 42	7 10	16·6	9 46	0 55	5 25	2 29	2 51	8
9	5 20	1 40	6 43	7 33	17·6	11 12	1 55	5 56	3 13	3 34	9
10	5 18	1 23	6 45	7 55	18·6	morn.	2 57	6 37	3 56	4 19	10
11	5 16	1 7	6 47	8 17	19·6	0 27	4 0	7 33	4 41	5 4	11
12	5 13	0 51	6 48	8 39	20·6	1 24	5 1	8 41	5 28	5 53	12
13	5 11	0 35	6 50	9 1	☾	2 5	5 58	9 58	6 21	6 51	13
14	5 9	0 20	6 52	9 23	22·6	2 34	6 50	11 15	7 25	8 3	14
15	5 7	0 5	6 53	9 44	23·6	2 55	7 38	0a31	8 44	9 28	15
16	5 5	aft. 10	6 55	10 6	24·6	3 12	8 22	1 44	10 11	10 50	16
17	5 2	0 25	6 57	10 27	25·6	3 26	9 4	2 55	11 22	11 51	17
18	5 0	0 38	6 58	10 48	26·6	3 38	9 44	4 4	— —	0 17	18
19	4 58	0 52	7 0	11 9	27·6	3 50	10 24	5 12	0 38	0 58	19
20	4 56	1 5	7 2	11 29	28·6	4 4	11 5	6 21	1 17	1 34	20
21	4 54	1 18	7 3	11 50	●	4 20	11 48	7 31	1 50	2 5	21
22	4 52	1 30	7 5	12 10	0·9	4 39	0a32	8 40	2 21	2 35	22
23	4 50	1 42	7 7	12 30	1·9	5 2	1 19	9 48	2 51	3 5	23
24	4 48	1 53	7 8	12 50	2·9	5 32	2 8	10 51	3 21	3 37	24
25	4 46	2 4	7 10	13 10	3·9	6 13	2 59	11 46	3 54	4 11	25
26	4 44	2 14	7 12	13 29	4·9	7 6	3 51	morn.	4 28	4 44	26
27	4 42	2 24	7 13	13 48	5·9	8 10	4 43	0 30	5 1	5 20	27
28	4 40	2 34	7 15	14 7	6·9	9 21	5 34	1 5	5 40	6 4	28
29	4 38	2 42	7 17	14 26	☽	10 37	6 24	1 32	6 31	7 0	29
30	4 36	2 51	7 18	14 45	8·9	11 56	7 13	1 54	7 32	8 10	30

MONTHLY NOTICES.

1. British Museum closes for a week.
1. Royal Academy Exhibition opens.
2. Reading—horses and cattle.
2 and 15. Carnarvon—cattle, &c.
2. Leipzig Fair—books, Russian and Polish produce, manufactured goods, &c.
3. Coventry—horses, cows, and sheep.
4. Northampton—horses.
4. Boston—sheep and cattle.
6. Lewes—cattle.
7. Bourne—horses, cattle, and sheep.
8. Brit. Mus. opens, 10-6; Reading Room, 9-6.
10. Stroud—cattle, sheep, and pigs.
11. 12. Denbigh—cattle, horses, sheep, &c.
11. 12. Shrewsbury—cattle, horses, sheep, &c.
11. Staines—horses, cattle.
12. Leicester—horses, cows, and sheep.
15. Chertsey—cattle, sheep, &c.
16. Publicans' Licences (Scotland) expire.
17. Quakers' Gen. Meeting beg. in London.
18. Leek—cattle, &c.
19. Hereford—cattle, &c.
25. Bromsgrove—cattle, &c.
31. Wellington—cattle.

PROPER LESSONS.

	Morning		*Evening.*	
4 S.	Numbers 22	Luke 22, *v* 54	Numbers 23; *or* 24	1 Thessalonians 1
11 S.	Deut. 4, to *v.* 23	John 2	Deut. 4, *v.* 23-41; *or* 5	2 Thessalonians 3
18 S.	„ 6	„ 6, to *v.* 22	„ 9; *or* 10	2 Timothy 1
22 Asc. Day,	Daniel 7, *v.* 9 to *v.* 15	Luke 24 *v.* 44	2 Kings 2, to *v.* 16	Hebrews 4
25 S.	Deuteronomy 30	John 9, to *v.* 39	Deut. 34; *or* Joshua 1	Philemon

Day of the Week		Day of the Year	Sundays and Remarkable Days
1	Th	121	*St. Philip and St. James. D. Connaught b.* 1850.
2	F	122	.. ..
3	S	123	Invention of the Cross.
4	S	124	3 *Sunday after Easter.*
5	M	125	.. ..
6	Tu	126	.. ..
7	W	127	.. ..
8	Th	128	.. ..
9	F	129	Half Quarter Day.
10	S	130	.. ..
11	S	131	4 *Sunday after Easter.*
12	M	132	.. ..
13	Tu	133	.. ..
14	W	134	.. ..
15	Th	135	*Whitsun Day.*
16	F	136	.. ..
17	S	137	.. ..
18	S	138	*Rogation Sunday.*
19	M	139	Camb. Term div. mid.
20	Tu	140	.. ..
21	W	141	.. ..
22	Th	142	*Ascension. Holy Thurs.*
23	F	143	.. ..
24	S	144	*Qu. Victoria born* 1819.
25	S	145	*Sunday after Ascension. Prs. Helena b.* 1846.
26	M	146	.. ..
27	Tu	147	Venerable Bede.
28	W	148	.. ..
29	Th	149	K. Ch. II. rest. 1660.
30	F	150	East. Law Sittings end. Oxford East. Term ends.
31	S	151	Oxford Trin. Term beg.

ASTRONOMICAL PHENOMENA.

Mercury, in the constellations Pisces and Aries, is visible a little before sunrise, about the 15th, at greatest elongation 25° 40′ W.

Venus, in the constellations Taurus and Gemini, is visible in the evenings. On the 15th, sets at 11h 8m P.M.; on the 21st, in conjunction with the star ε Geminorum, at 0° 5′ S.

Mars, in the constellations Aquarius and Pisces, is visible in the mornings. On the 9th, in conjunction with Jupiter, at 0° 53′ N.; on the 15th, rises at 2h 7m A.M.

Jupiter, in the constellation Aquarius, is visible in the mornings. On the 15th, rises at 1h 56m A.M.

Saturn, in the constellation Pisces, is near the Sun.

Uranus is in the constellation Leo. On the 15th, passes the meridian at 6h 37m P.M.

Neptune, in the constellation Aries, is near the Sun.

The *Moon*, on the 5th, at 9h P.M., in Perigee; on the 14th, at 8h P.M., in conjunction with Jupiter, at 4° 49′ S.; at 10h P.M., with Mars, at 6° 0′ S.; on the 17th, at 11h A.M., with Saturn, at 7° 48′ S.; on the 18th, at 10h P.M., in Apogee; on the 19th, at 5h A.M., in conjunction with Mercury, at 8° 47′ S.; and on the 24th, at 6h P.M., with Venus, at 1° 1′ N.

The *Constellations* Ursa Minor, Corono Borealis, Serpens, and Libra, will be on the meridian about midnight near the middle of the month, and Scorpio near the end.

Eclipses of Jupiter's Satellites.

First Satellite. On the 13th Im. at 2h 18m 33s A.M.

Hebrew Calendar. 1879 5639		*Mohammedan Calendar.* 1879 Hegira, 1296	
May 1 8 Jyar.		May 1 9 Jomadi I.	
3 10 „	Fast. Death of Elijah.	5 13 „	Fortunate Days.
		6 14 „	
		7 15 „	
23 1 Sivan.			
28 6 „	Pentecost.	12 20 „	Taking of Constantinople.
29 7 „	2nd Day.		
		28 1 Jomadi II.	

THERMOMETRICAL REGISTER.

MAY, 1878.

	Highest.	Lowest.		Highest.	Lowest.
1	67·2	52·7	17	68·6	55·3
2	70·1	48·4	18	73·3	50·0
3	67·7	49·7	19	63·7	49·8
4	65·8	45·4	20	60·2	42·7
5	67·7	44·4	21	58·2	38·2
6	68·4	46·0	22	61·0	40·7
7	66·9	53·9	23	64·4	46·2
8	60·1	46·4	24	65·5	47·8
9	65·4	44·5	25	62·2	44·2
10	68·7	49·4	26	66·0	44·0
11	69·1	53·7	27	65·6	45·7
12	73·8	49·7	28	64·1	45·9
13	65·1	51·0	29	58·7	49·2
14	64·3	50·5	30	57·8	46·6
15	63·7	50·7	31	65·3	40·2
16	64·2	47·8			

THE MOON'S CHANGES.

Full .....6th day, 6h. 12m. morn.
Last Quart...13th day, 2h. 36m. morn.
New..... 21st day, 5h. 50m. morn.
First Quart..28th day, 11h. 37m. aftern.

☽'s Dec. on the 2nd, 0°; 8th, 26° 8′ S; 15th, 0°; 22nd, 26° 4′ N.; 29th, 0°.

M. D.	L. of Day	Day's incr.	Day brk.	Twil. ends	☉'s semi-di.
1	14 45	7 1	2m4	9a50	15′ 54″
6	15 2	7 18	1 46	10 7	15 53
11	15 19	7 35	1 26	10 27	15 52
16	15 34	7 50	1 2	10 50	15 51
21	15 48	8 4	0 30	11 22	15 50
26	16 1	8 17	No real Night		15 49

Day	Sun rises	Eq. Time Clock aft. Sun	Sun sets	Sun's Dec.	Moon's Age	Moon rises	Southing of the Moon	Moon sets	High Water, London Bridge Morn.	High Water, London Bridge Aftern.	Day
	h m	m s	h m	° ′	d	h m	h m	h m	h m	h m	
1	4 34	2 59	7 20	15N 3	9·9	1 a 16	8 a 1	2m12	8 50	9 31	1
2	4 32	3 6	7 21	15 21	10·9	2 40	8 50	2 29	10 8	10 41	2
3	4 30	3 13	7 23	15 39	11·9	4 6	9 41	2 44	11 12	11 40	3
4	4 29	3 19	7 25	15 56	12·9	5 36	10 36	3 1	— —	0 6	4
5	4 27	3 25	7 26	16 14	13·9	7 8	11 34	3 23	0 30	0 54	5
6	4 25	3 30	7 28	16 31	○	8 41	morn.	3 49	1 18	1 42	6
7	4 23	3 35	7 29	16 47	15·9	10 3	0 37	4 27	2 4	2 28	7
8	4 22	3 39	7 31	17 4	16·9	11 10	1 41	5 17	2 53	3 16	8
9	4 20	3 43	7 33	17 20	17·9	11 59	2 45	6 22	3 41	4 5	9
10	4 18	3 46	7 34	17 36	18·9	morn.	3 46	7 39	4 30	4 55	10
11	4 17	3 48	7 36	17 52	19·9	0 33	4 42	8 59	5 19	5 45	11
12	4 15	3 50	7 37	18 7	20·9	0 58	5 33	10 18	6 12	6 41	12
13	4 13	3 51	7 39	18 22	☾	1 16	6 19	11 33	7 11	7 42	13
14	4 12	3 51	7 40	18 36	22·9	1 32	7 2	0 a 45	8 14	8 48	14
15	4 10	3 51	7 42	18 51	23·9	1 46	7 44	1 56	9 23	9 59	15
16	4 9	3 51	7 43	19 5	24·9	1 58	8 24	3 4	10 30	11 0	16
17	4 8	3 50	7 45	19 19	25·9	2 12	9 4	4 11	11 28	11 54	17
18	4 6	3 48	7 46	19 32	26·9	2 27	9 46	5 21	— —	0 18	18
19	4 5	3 45	7 48	19 45	27·9	2 44	10 30	6 31	0 38	0 57	19
20	4 3	3 43	7 49	19 58	28·9	3 6	11 16	7 38	1 17	1 36	20
21	4 2	3 39	7 51	20 10	●	3 35	0 a 5	8 44	1 54	2 10	21
22	4 1	3 35	7 52	20 22	1·3	4 13	0 56	9 42	2 26	2 43	22
23	4 0	3 30	7 53	20 34	2·3	5 3	1 48	10 29	3 0	3 18	23
24	3 59	3 25	7 55	20 45	3·3	6 3	2 40	11 7	3 35	3 53	24
25	3 57	3 20	7 56	20 56	4·3	7 12	3 31	11 36	4 12	4 30	25
26	3 56	3 14	7 57	21 7	5·3	8 25	4 20	11 58	4 49	5 8	26
27	3 55	3 7	7 58	21 17	6·3	9 42	5 8	morn.	5 29	5 54	27
28	3 54	3 0	8 0	21 27	☽	11 1	5 55	0 17	6 20	6 47	28
29	3 53	2 53	8 1	21 37	8·3	0 a 21	6 43	0 33	7 15	7 44	29
30	3 52	2 45	8 2	21 46	9·3	1 42	7 31	0 49	8 16	8 49	30
31	3 51	2 37	8 3	21 55	10·3	3 6	8 22	1 5	9 25	9 57	31

MONTHLY NOTICES.

2. Overseers to give notice from 2nd to 20th to voters who have not paid all poor rates due Jan. 5.
3. Worcester—cattle, &c.
4. House-agents to take out or renew licences on or before this day.
7. Grimsby—sheep.
9 and 10. Denbigh—cattle, horses, sheep, &c.; the second day, wool.
10. Clerk of peace, on or before this day, to issue precept and list of county voters to overseers.
18. Northampton—horses.
20. Naumburg—manufactured goods, &c.
20. On or before this day the overseers are to affix to church and chapel doors the register of county voters for their parish or township; it must remain affixed for a period including two Sundays, and be removed before July 20.—N.B. Persons on the register need not make a new claim unless they have changed their qualification or abode.
21 and 23. Horncastle—horses and cattle.
24. Bromsgrove—cattle, &c.
24, 25. Boughton Green, Northamptonshire—miscellaneous.
27. Carnarvon—horses and cattle.
28. Wigan—horses and horned cattle.
30. Higham Ferrers—horses and cattle.
30. Spalding—cattle and horses.
30. Frankfort-on-the-Oder--manufac. goods, &c.
30. Wycombe—wool.

PROPER LESSONS.

Morning.		*Evening.*	
1 S. Deut. 16 to v. 18	Romans 8 to v. 18	Isaiah 11; *or* Ezek. 36 v. 25	Gal. 5, v. 16; *or* Acts 18, v. 24 to 19 v. 21
8 S. Isaiah 6 to v. 11	Revelations 1 to v. 9	Gen. 18; *or* 1 & 2 to v. 4	Eph. 4 to v. 17; *or* Mat. 3
15 S. Jos. 3, v. 7 to 4 v. 15	John 21	Jos. 5, v. 13 to 6 v. 21; or 24	1 Peter 1 to v. 22
22 S. Judges 4	Acts 5, v. 17	Judges 5; *or* 6 v. 11	2 Pet. 2.
29 S. (St. Peter) Ezek. 3, v. 4-15	John 21, v. 15-23	Zechariah 3	Acts 4, v. 8-23

Day of the Week		Day of the Year	Sundays and Remarkable Days
1	S	152	*Whit Sunday.*
2	M	153	*Whit Monday.* Bank Hol.
3	Tu	154	*Whit Tuesday.* *Pr. Geo. F. of W. b.* 1865.
4	W	155	.. ..
5	Th	156	.. ..
6	F	157	.. ..
7	S	158	.. ..
8	S	159	*Trinity Sunday.*
9	M	160	.. ..
10	Tu	161	Trin. Law Sittings beg.
11	W	162	*St. Barnabas.*
12	Th	163	*Corpus Christi.*
13	F	164	.. ..
14	S	165	.. ..
15	S	166	1 *Sunday after Trinity.*
16	M	167	.. ..
17	Tu	168	Camb. commencement.
18	W	169	.. ..
19	Th	170	.. ..
20	F	171	*Q. Victoria Acc.* 1837 Camb. East. T. ends.
21	S	172	*Queen Victoria Proc.*
22	S	173	2 *Sunday after Trinity.*
23	M	174	.. ..
24	Tu	175	*MIDSUMMER DAY.* *Nat. John Baptist.*
25	W	176	.. ..
26	Th	177	.. ..
27	F	178	.. ..
28	S	179	*Queen Victoria Cor.* 1838.
29	S	180	3 *Sunday after Trinity.* *St. Peter.*
30	M	181	. .. .

ASTRONOMICAL PHENOMENA.

Mercury, in the constellations Taurus and Gemini, is in superior conjunction with Sun on the 18th.

Venus, in the constellations Cancer and Leo, is visible in the evenings. On the 4th, in a line with the stars Castor and Pollux; on the 15th, sets at 11h 3m P.M.

Mars, in the constellation Pisces, is visible in the mornings. On the 15th, rises at 0h 45m A.M.

Jupiter, in the constellation Aquarius, is also visible in the mornings. On the 15th, rises at 0h 1m A.M.

Saturn, in the constellation Pisces, is visible in the mornings. On the 15th, rises at 1h 2m A.M.; on the 30th, in close conjunction with Mars, at 6° 1′ N.

Uranus, in the constellation Leo, is near the Sun.

Neptune, in the constellation Aries, is near the Sun.

The *Moon*, on the 3rd, at 5h A.M., in Perigee; on the 11th, at 5h A.M., in conjunction with Jupiter, at 5° 23′ S.; on the 12th, at midnight, with Mars, at 7° 45′ S.; on the 13th, at 11h P.M., with Saturn, at 8° 6′ S.; on the 15th, at 10h A.M., in Apogee; on the 19th, at 11h P.M., in conjunction with Mercury, at 1° 4′ S.; on the 23rd, at 5h P.M., with Venus, at 4° 1′ N.

The *Constellations* Draco, Hercules, and Ophiuchus, will be on the meridian, near midnight, about the middle of the month.

Eclipses of Jupiter's Satellites.

First Satellite. On the 5th Im. at 2h 28m 40s A.M.; on the 21st Im. at 0h 45m 13s A.M.

Fourth Satellite. On the 14th Em. at 0h 11m 28s A.M.

Hebrew Calendar.		*Mohammedan Calendar.*	
1879	5639	1879	Hegira, 1296
June 1	10 Sivan.	June 1	10 Jomadi II.
22	1 Thammuz.	4	13 „ Fortunate Days.
		5	14 „
		6	15 „
		21	1 Regeb.

THERMOMETRICAL REGISTER.

JUNE, 1878.

	Highest.	Lowest.		Highest.	Lowest.
1	59·2	46·7	16	64·4	47·7
2	64·9	40·7	17	64·1	47·4
3	69·2	50·7	18	70·9	50·3
4	70·2	51·3	19	66·3	46·7
5	59·3	46·9	20	75·2	45·9
6	69·2	44·8	21	77·9	47·3
7	70·9	49·6	22	80·1	51·0
8	72·4	52·5	23	81·2	54·5
9	66·1	51·7	24	84·4	55·9
10	69·2	50·7	25	82·9	63·2
11	64·1	50·3	26	85·3	56·8
12	66·3	48·4	27	85·4	59·6
13	71·1	49·7	28	80·9	60·7
14	56·7	48·0	29	72·0	54·5
15	59·0	44·6	30	73·6	54·0

THE MOON'S CHANGES.

Full ..... 4th day, 1h. 36m. aftern.
Last Quart...11th day, 4h. 56m. aftern.
New .....19th day, 8h. 20m. aftern.
First Quart...27th day, 5h. 56m. morn.

☽'s Dec. on the 5th, 26° 4′ S.; 11th, 0° 19th, 26° 4′ N.; 26th, 0°.

M. D.	L. of Day	Day's incr.	Day brk.	Twil. ends	☉'s semi-di.
1	16 13	8 29	No real Night, but constant day or Twilight.		15′ 48″
6	16 22	8 38			15 48
11	16 28	8 44			15 47
16	16 32	8 48			15 47
21	16 34	8 50			15 46
26	16 33	0d.1			15 46

Day	Sun rises	Eq. Time Clock aft. Sun	Sun sets	Sun's Dec.	Moon's Age	Moon rises	Southing of the Moon	Moon sets	High Water. London Bridge Morn.	High Water. London Bridge Aftern.	Day
	h m	m s	h m	° ′	d	h m	h m	h m	h m	h m	
1	3 51	2 28	8 4	22 N 3	11·3	4 a 36	9 a 17	1 m 24	10 28	11 0	1
2	3 50	2 19	8 5	22 11	12·3	6 6	10 16	1 47	11 31	— —	2
3	3 49	2 10	8 6	22 19	13·3	7 33	11 19	2 18	0 1	0 27	3
4	3 48	2 0	8 8	22 26	○	8 49	morn.	3 0	0 55	1 22	4
5	3 48	1 50	8 9	22 33	15·3	9 47	0 24	3 59	1 49	2 15	5
6	3 47	1 40	8 10	22 39	16·3	10 29	1 28	5 13	2 41	3 7	6
7	3 47	1 29	8 10	22 45	17·3	10 57	2 28	6 34	3 31	3 56	7
8	3 46	1 18	8 11	22 51	18·3	11 20	3 22	7 56	4 21	4 44	8
9	3 46	1 6	8 12	22 56	19·3	11 37	4 12	9 15	5 8	5 31	9
10	3 45	0 55	8 13	23 1	20·3	11 52	4 58	10 31	5 55	6 18	10
11	3 45	0 43	8 14	23 5	☾	morn.	5 40	11 42	6 42	7 7	11
12	3 44	0 31	8 14	23 9	22·3	0 4	6 21	0 a 52	7 32	7 57	12
13	3 44	0 18	8 15	23 13	23·3	0 18	7 2	2 1	8 24	8 54	13
14	3 44	0 6	8 15	23 16	24·3	0 33	7 44	3 10	9 26	9 58	14
15	3 44	bef. 7	8 16	23 19	25·3	0 50	8 27	4 19	10 30	11 0	15
16	3 44	0 20	8 16	23 22	26·3	1 9	9 12	5 28	11 29	11 56	16
17	3 44	0 33	8 17	23 24	27·3	1 36	10 0	6 34	— —	0 21	17
18	3 44	0 46	8 17	23 25	28·3	2 12	10 51	7 36	0 44	1 7	18
19	3 44	0 59	8 18	23 26	●	2 57	11 43	8 28	1 28	1 49	19
20	3 44	1 12	8 18	23 27	0·7	3 53	0 a 35	9 8	2 8	2 26	20
21	3 44	1 25	8 18	23 27	1·7	5 2	1 27	9 38	2 45	3 3	21
22	3 45	1 38	8 18	23 27	2·7	6 16	2 18	10 4	3 21	3 40	22
23	3 45	1 51	8 19	23 27	3·7	7 32	3 6	10 23	4 0	4 19	23
24	3 45	2 4	8 19	23 26	4·7	8 50	3 54	10 41	4 39	4 58	24
25	3 46	2 17	8 19	23 25	5·7	10 9	4 40	10 55	5 19	5 39	25
26	3 46	2 29	8 19	23 23	6·7	11 28	5 27	11 11	6 3	6 27	26
27	3 46	2 42	8 19	23 21	☽	0 a 49	6 16	11 29	6 53	7 18	27
28	3 47	2 54	8 19	23 18	8·7	2 14	7 7	11 48	7 45	8 14	28
29	3 47	3 6	8 19	23 15	9·7	3 41	8 3	morn.	8 44	9 18	29
30	3 48	3 18	8 18	23 12	10·7	5 7	9 2	0 15	9 53	10 28	30

MONTHLY NOTICES.

1. Quarter Sessions commence.
3. Birkenhead—cattle and cheese.
5. Divs.due(p.13.) Hertford—horses,cattle,&c.
5. Expiration of Annual Licences, viz.:—dealers in beer, spirits, wine, sweets, foreign liqueurs, spirit dealers retailing foreign and Brit. spirits in bottles, and foreign liqueurs; beer dealers' retail licences; spirit, grocers (Ireland), rectifiers, and compounders.
7. Hereford—cattle.
8. Newcastle-under-Lyme—wool.
8. Fire insurance due at Mids. must be paid on or before this day, or the policy becomes void.
10. Thetford—wool.
11, 12. Peterborough—cattle and horses.
12. Ruyton—horses, cattle, sheep, &c.
13, 14. Denbigh—cattle, horses, sheep, &c.
13, 14. Shrewsbury—wool.
20. Poor-rates due Jan. 5, must be paid on or before this day by all electors, or they will be disqualified from voting at an election.
20. Last day for sending in claims for voting in counties.
21. Leek—cattle, &c.
22. Overseers to make out lists not later than this day of persons whose Jan. poor-rates remain unpaid on the 20th; such lists to be open for perusal for the next 14 days, Sundays excepted.
26. Wellington—cattle, sheep, &c.
27. Bromsgrove—cattle, sheep, &c., monthly.
31. Royal Academy Exhibition closes.
31. Pawnbrokers' Licences expire.

PROPER LESSONS.

Morning.		*Evening.*	
6 S. 1 Samuel 12	Acts 13, to v. 26	1 Sam. 13; *or* Ruth 1	Matthew 1 v. 18
13 S. „ 15 to v. 24	„ 17, v. 16	„ 16; *or* 17	„ 6, to v. 19
20 S. 2 Samuel 1	„ 21, v. 17–37	2 Sam. 12 to v. 24; *or* 18	„ 10, to v. 24
27 S. 1 Chronicles 21	„ 26	1 Chron. 22; *or* 28 to v. 21	„ 13, v. 53, to 14, v. 13

Day of the Week		Day of the Year	Sundays and Remarkable Days
1	Tu	182	*Prs. Alice mar.* 1862. Oxford Act.
2	W	183	.. ..
3	Th	184	.. ..
4	F	185	.. ..
5	S	186	*Prs. Helena mar.* 1866. Oxford Trin.Term ends.
6	S	187	4 *Sunday after Trinity.* *Prs. Vict. of Wales b.* 1868
7	M	188	.. ..
8	Tu	189	.. ..
9	W	190	.. ..
10	Th	191	.. ..
11	F	192	.. ..
12	S	193	.. ..
13	S	194	5 *Sunday after Trinity.*
14	M	195	.. ..
15	Tu	196	St. Swithin.
16	W	197	.. ..
17	Th	198	.. ..
18	F	199	.. ..
19	S	200	*Prs. Augusta of C. b.* 1822.
20	S	201	6 *Sunday after Trinity.*
21	M	202	.. ..
22	Tu	203	.. ..
23	W	204	.. ..
24	Th	205	.. ..
25	F	206	*St. James.*
26	S	207	*Dchs. of Camb. b.* 1797. .. ..
27	S	208	7 *Sunday after Trinity.*
28	M	209	.. ..
29	Tu	210	.. ..
30	W	211	.. ..
31	Th	212	.. ..

ASTRONOMICAL PHENOMENA.

Mercury, in the constellations Cancer and Leo, is visible a little after sunset, about the 27th at greatest elongation, 27° 9′ E.

Venus, in the constellation Leo, is visible in the evenings. On the 15th sets at 9h 57m P.M.; on the 16th attains her greatest elongation 45° 33′ E.

Mars, in the constellations Pisces and Aries, is visible in the mornings. On the 15th, rises at 11h 22m P.M.

Jupiter, in the constellation Aquarius, is visible in the mornings. On the 15th rises at 10h 0m P.M.

Saturn, in the constellation Pisces, is visible in the mornings. On the 15th, rises at 11h 4m P.M.

Uranus, in the constellation Leo, is near the Sun.

Neptune, in the constellation Aries, is near the Sun.

The *Moon*, on the 1st, at 6h A.M., in Perigee; on the 8th, at 3h P.M., in conjunction with Jupiter, at 5° 42′ S.; on the 11th, at 9h A.M., with Saturn, at 8° 20′ S.; at 11h P.M., with Mars, at 8° 20′ S.; on the 13th, at 3h A.M., in Apogee; on the 21st, at 3h P.M., in conjunction with Mercury, at 2° 46′ N.; on the 23rd, at 4h A.M., with Venus, at 4° 8′ N.; and on the 28th at 4h A.M., in Perigee.

The *Constellations* Cygnus, Aquila, and Sagittarius, will be on the meridian near midnight, about the middle of the month.

Eclipses of Jupiter's Satellites.

First Satellite. On the 14th Im., at 0h 56m 15s A.M.; on the 21st Im., at 2h 50m 36s A.M.; on the 29th Im., at 11h 13m 44s P.M.

Second Satellite. On the 12th Im., at 11h 48m 21s P.M.; on the 20th Im., at 2h 22m 54s A.M.

Third Satellite. On the 2nd Em., at 1h 8m 35s A.M.; on the 9th Im., at 1h 39m 57s A.M.

Hebrew Calendar. 1879 5639		*Mohammedan Calendar.* 1879 Hegira, 1296	
July 1 10 Thammuz.		July 1 11 Regeb.	
8 17 „	Fast. Taking of Jerusalem.	8 13 „	Fortunate Days.
		4 14 „	
21 1 Ab.		5 15 „	Day of Victory.
29 9 „	Fast. Destruction of the Temple.	10 20 „	Exaltation of Mohammed.
		21 1 Shaban.	

THERMOMETRICAL REGISTER.

JULY, 1878.

	Highest.	Lowest.		Highest.	Lowest.
1	60·9	51·6	17	82·2	53·7
2	61·3	52·2	18	84·4	59·1
3	63·6	50·4	19	84·6	61·0
4	72·1	44·0	20	79·7	56·7
5	74·9	53·2	21	79·6	58·9
6	76·7	56·2	22	81·4	58·2
7	76·1	53·5	23	76·0	60·2
8	74·1	55·0	24	74·1	59·9
9	74·6	52·0	25	70·0	58·0
10	69·4	54·5	26	75·8	54·2
11	68·8	54·9	27	75·4	57·2
12	67·0	55·0	28	69·3	54·8
13	72·9	53·1	29	72·8	48·8
14	71·8	49·2	30	70·7	47·6
15	73·4	52·7	31	71·2	55·7
16	76·5	50·1			

THE MOON'S CHANGES.

Full ..... 3rd day, 9h. 38m. aftern.
Last Quart...11th day, 8h. 54m. morn.
New .....19th day, 9h. 6m. morn.
First Quart..26th day, 10h. 36m. morn.

☽'s Dec. on the 2nd, 26° 5′ S.; 9th, 0°; 16th, 26° 5′ N.; 23rd, 0°; 29th, 26° 5′ S.

M. D.	L. of Day	Day's decr.	Day brk.	Twil. ends	☉'s semi-di.
1	16 30	0 4			15′ 46″
6	16 24	0 10	No real		15 46
11	16 16	0 18	Night.		15 46
16	16 6	0 28			15 46
21	15 54	0 40			15 47
26	15 41	0 53	0m59	11 a 14	15 47

Day	Sun rises	Eq. Time Clock bef. Sun	Sun sets	Sun's Dec.	Moon's Age	Moon rises	Southing of the Moon	Moon sets	High Water, London Bridge Morn.	High Water, London Bridge Aftern.	Day
	h m	m s	h m	° ′	d	h m	h m	h m	h m	h m	
1	3 49	3 30	8 18	23 N 8	11·7	6 a 26	10 a 5	0m50	11 3	11 40	1
2	3 49	3 42	8 18	23 4	12·7	7 33	11 9	1 41	— —	0 14	2
3	3 50	3 53	8 18	22 59	○	8 21	morn.	2 47	0 45	1 15	3
4	3 51	4 4	8 17	22 54	14·7	8 56	0 10	4 5	1 43	2 9	4
5	3 52	4 14	8 17	22 49	15·7	9 22	1 8	5 29	2 34	2 58	5
6	3 53	4 24	8 16	22 43	16·7	9 41	2 1	6 51	3 22	3 45	6
7	3 53	4 34	8 16	22 37	17·7	9 58	2 49	8 9	4 6	4 28	7
8	3 54	4 44	8 15	22 31	18·7	10 11	3 34	9 24	4 49	5 8	8
9	3 55	4 53	8 14	22 24	19·7	10 26	4 16	10 36	5 27	5 46	9
10	3 56	5 2	8 14	22 16	20·7	10 40	4 58	11 45	6 6	6 26	10
11	3 57	5 10	8 13	22 9	☾	10 54	5 40	0 a 56	6 46	7 7	11
12	3 59	5 18	8 12	22 0	22·7	11 13	6 22	2 5	7 29	7 52	12
13	4 0	5 25	8 11	21 52	23·7	11 38	7 7	3 15	8 17	8 47	13
14	4 1	5 33	8 10	21 43	24·7	morn.	7 54	4 22	9 22	10 0	14
15	4 2	5 39	8 9	21 34	25·7	0 8	8 43	5 25	10 36	11 11	15
16	4 3	5 45	8 8	21 24	26·7	0 50	9 35	6 21	11 45	— —	16
17	4 4	5 51	8 7	21 14	27·7	1 43	10 28	7 6	0 16	0 44	17
18	4 5	5 56	8 6	21 4	28·7	2 47	11 20	7 41	1 8	1 29	18
19	4 7	6 1	8 5	20 53	●	4 0	0 a 12	8 8	1 49	2 10	19
20	4 8	6 5	8 4	20 42	1·1	5 18	1 2	8 29	2 29	2 48	20
21	4 9	6 8	8 3	20 31	2·1	6 38	1 51	8 47	3 6	3 24	21
22	4 11	6 11	8 2	20 19	3·1	7 56	2 38	9 3	3 44	4 3	22
23	4 12	6 13	8 0	20 7	4·1	9 16	3 25	9 19	4 23	4 42	23
24	4 13	6 15	7 59	19 55	5·1	10 38	4 14	9 36	5 1	5 21	24
25	4 15	6 16	7 58	19 42	6·1	0 a 2	5 4	9 54	5 42	6 2	25
26	4 16	6 16	7 56	19 29	☽	1 26	5 57	10 18	6 25	6 48	26
27	4 18	6 16	7 55	19 16	8·1	2 51	6 54	10 50	7 13	7 40	27
28	4 19	6 16	7 53	19 2	9·1	4 11	7 54	11 33	8 11	8 48	28
29	4 21	6 14	7 52	18 48	10·1	5 21	8 56	morn.	9 27	10 10	29
30	4 22	6 12	7 50	18 34	11·1	6 15	9 57	0 31	10 54	11 37	30
31	4 23	6 10	7 49	18 19	12·1	6 55	10 55	1 43	— —	0 14	31

MONTHLY NOTICES.

1. Claims of lodgers in towns to be sent in between this day and the 25th.
1. List of voters in cities and boroughs to be affixed to church and chapel doors for 14 days.
1. Lammas, Scotch Quarter-day.
3, 4. Daventry—horses, cattle, sheep.
4. Brunswick—manufactured goods, &c.
10, 11. Denbigh—cattle, horses, sheep, &c.
10, 11. Shrewsbury—lambs' wool.
12. Carnarvon—cattle, &c.
16. Bridgenorth—hops and cheese.
17. Cassel—manufactured goods, &c.
18. Hereford—Cattle, sheep, hops, &c.
19. Last day for service of objections on electors in counties or their tenants.
22. Melton Mowbray—cattle, pigs.
22. Rugby—horses, cows, sheep, cheese.
24. Frankfort-on-the-Maine—raw produce of all countries, manufactured goods, &c.
25. Coventry—cattle.
29. Overseers of parishes and townships to send lists of electors and lists of objections to the town clerk in cities or boroughs.
30. Wellington—cattle, sheep, &c.
31. All taxes and rates due on March 1st must be paid on or before this day by persons claiming to be enrolled as Burgesses under the Municipal Corporations Act.

PROPER LESSONS.

Morning.		*Evening.*	
3 S. 1 Chron. 29 v. 9-29	Romans 3	2 Chron. 1; or 1 Kings 3	Matthew 18, to v. 21
10 S. 1 Kings 10 to v. 25	„ 9, to v. 19	1 Kings 11, to v. 15; or 11, v. 26	„ 22, to v. 15
17 S. „ 12	„ 14 & 15, to v. 8	„ 13; or 17	„ 25, v. 31
24 S. St. Barth. Gen. 28, v. 10-18	1 Corinthians 4 v. 18 & 5	Deuteronomy 18, v. 15	„ 28
31 S. 1 Kings 22 to v. 41	„ 11 v. 2-17	2 Kings 2, to v. 16; or 4, v. 8-38	Mark 4, v. 35, to 5 v. 21

Day of the Week		Day of the Year	Sundays and Remarkable Days
1	F	213	Lammas Day.
2	S	214	.. ..
3	☉	215	8 *Sunday after Trinity.*
4	M	216	Bank Holiday.
5	Tu	217	.. ..
6	W	218	*Duke of Edinb. b.* 1844.
7	Th	219	.. ..
8	F	220	Trinity Law Sittings end.
9	S	221	.. ..
10	☉	222	9 *Sunday after Trinity.*
11	M	223	Half-Quarter Day.
12	Tu	224	Grouse Shooting begins.
13	W	225	.. ..
14	Th	226	.. ..
15	F	227	Assumption.
16	S	228	.. ..
17	☉	229	10 *Sunday after Trinity.*
18	M	230	.. ..
19	Tu	231	.. ..
20	W	232	Blackcock Shooting beg.
21	Th	233	.. ..
22	F	234	.. ..
23	S	235	.. ..
24	☉	236	11 *Sun. after Trinity.* *St. Bartholomew.*
25	M	237	.. ..
26	Tu	238	.. ..
27	W	239	.. ..
28	Th	240	.. ..
29	F	241	.. ..
30	S	242	.. ..
31	☉	243	12 *Sunday after Trinity.*

ASTRONOMICAL PHENOMENA.

Mercury, in the constellation Leo, is in inferior conjunction with the Sun on the 24th.

Venus, in the constellation Virgo, is visible in the evenings. On the 15th, sets at 8h 11m P.M. Attains her greatest brilliancy about the 19th.

Mars, in the constellation Aries, is visible in the mornings. On the 15th, rises at 9h 57m P.M.

Jupiter, in the constellation Aquarius, is in opposition to the Sun on the 31st.

Saturn, in the constellation Pisces, is visible in the mornings. On the 15th, rises at 9h 2m P.M.

Uranus, in the constellation Leo, is in conjunction with the Sun on the 28th.

Neptune is in the constellation Aries. On the 15th, passes the meridian at 5h 8m A.M.

The *Moon*, on the 4th, at 8h P.M., in conjunction with Jupiter, at 5° 41′ S.; on the 7th, at 6h P.M., with Saturn, at 8° 26′ S.; on the 9th, at 5h P.M., with Mars, at 7° 55′ S.; at 10h P.M., in Apogee; on the 18th, at 2h P.M., in conjunction with Mercury, at 1° 27′ S.; on the 20th, at 6h P.M., with Venus, at 0° 27′ N.; on the 22nd, at 6h A.M., in Perigee; on the 31st, at 10h P.M., in conjunction with Jupiter, at 5° 28′ S.

The *Constellations* Cepheus, the west part of Pegasus, Aquarius, and the east part of Capricornus, will be on the meridian near midnight, about the middle of the month.

Eclipses of Jupiter's Satellites.

First Satellite. On the 6th Im. at 1h 8m 20s A.M.; on the 13th Im. at 3h 3m 3s A.M.; on the 14th Im. at 9h 31m 40s P.M.; on the 21st Im. at 11h 26m 32s P.M.; and on the 29th Im. at 1h 21m 32s A.M.

Second Satellite. On the 13th Im. at 11h 24m 9s P.M.; and on the 21st Im. at 1h 58m 59s A.M.

Third Satellite. On the 13th Im. at 9h 44m 28s P.M.; and on the 21st Im. at 1h 45m 30s A.M.

Fourth Satellite. On the 3rd Im. at 2h 15m 38s A.M.

Hebrew Calendar. 1879 5639	*Mohammedan Calendar.* 1879 Hegira, 1296
Aug. 1 12 Ab.	Aug. 1 12 Shaban.
4 15 „ Tubeab, a little Festival	2 13 „ Fortunate Days.
20 1 Elul.	3 14 „ Fortunate Days.
	4 15 „ Borak's Night.
	19 1 Ramadân, month of Abstinence.
	31 13 „ Fortunate Day

THERMOMETRICAL REGISTER

AUGUST, 1878.

	Highest.	Lowest.		Highest.	Lowest.
1	73·9	54·1	17	70·3	50·7
2	74·8	52·5	18	76·4	53·2
3	68·0	54·5	19	72·3	54·8
4	74·9	55·7	20	67·4	51·7
5	78·8	56·7	21	69·3	51·7
6	77·9	56·9	22	69·8	55·2
7	76·5	57·8	23	72·1	58·4
8	78·3	56·7	24	67·1	56·1
9	79·3	54·7	25	71·4	54·7
10	68·6	59·5	26	72·1	52·1
11	76·6	57·8	27	73·4	57·7
12	73·4	54·0	28	72·9	56·6
13	69·9	53·6	29	73·0	56·8
14	74·6	58·0	30	70·5	57·4
15	75·8	55·4	31	67·3	56·6
16	71·9	54·5			

THE MOON'S CHANGES.

Full ..... 2nd day, 7h. 12m. morn.
Last Quart. . 10th day, 2h. 9m. morn.
New .....17th day, 8h. 11m. aftern.
First Quart. . 24th day, 3h. 12m. aftern.
Full .....31st day, 6h. 58m. aftern.

☽'s Dec. on the 5th, 0°; 12th, 26° 3′ N.; 19th, 0°; 26th, 26° 0′ S.

M. D.	L. of Day	Day's decr.	Day brk.	Twil. ends	☉'s semi-di.
1	15 23	1 11	1m29	10a 43	15′ 48″
6	15 7	1 27	1 49	10 22	15 48
11	14 50	1 44	2 7	10 3	15 49
16	14 32	2 2	2 23	9 45	15 50
21	14 14	2 20	2 37	9 29	15 51
26	13 56	2 38	2 51	9 13	15 52

Day	Sun rises	Eq. Time Clock bef. Sun	Sun sets	Sun's Dec.	Moon's Age	Moon rises	Southing of the Moon	Moon sets	High Water, London Bridge Morn.	High Water, London Bridge Aftern.	Day
	h m	m s	h m	° ′	d	h m	h m	h m	h m	h m	
1	4 25	6 7	7 47	18 N 4	13·1	7 a 24	11 a 49	3 m 3	0 45	1 13	1
2	4 26	6 3	7 46	17 49	○	7 44	morn.	4 24	1 40	2 4	2
3	4 28	5 58	7 44	17 33	15·1	8 2	0 39	5 46	2 26	2 47	3
4	4 29	5 53	7 42	17 18	16·1	8 17	1 26	7 3	3 7	3 25	4
5	4 31	5 48	7 41	17 1	17·1	8 30	2 10	8 16	3 44	4 3	5
6	4 33	5 42	7 39	16 45	18·1	8 45	2 52	9 28	4 21	4 37	6
7	4 34	5 35	7 37	16 29	19·1	9 0	3 34	10 39	4 54	5 10	7
8	4 36	5 27	7 35	16 12	20·1	9 18	4 17	11 50	5 26	5 42	8
9	4 37	5 20	7 33	15 54	21·1	9 40	5 1	0 a 59	5 59	6 18	9
10	4 39	5 11	7 32	15 37	☾	10 7	5 47	2 7	6 36	6 58	10
11	4 40	5 2	7 30	15 19	23·1	10 43	6 35	3 13	7 21	7 49	11
12	4 42	4 52	7 28	15 2	24·1	11 31	7 25	4 11	8 20	8 58	12
13	4 43	4 42	7 26	14 43	25·1	morn.	8 17	5 0	9 45	10 28	13
14	4 45	4 32	7 24	14 25	26·1	0 31	9 10	5 39	11 8	11 46	14
15	4 47	4 21	7 22	14 6	27·1	1 41	10 2	6 9	— —	0 18	15
16	4 48	4 9	7 20	13 48	28·1	2 58	10 54	6 34	0 44	1 7	16
17	4 50	3 57	7 18	13 28	●	4 18	11 44	6 53	1 29	1 49	17
18	4 51	3 44	7 16	13 9	0·7	5 38	0 a 32	7 10	2 9	2 27	18
19	4 53	3 31	7 14	12 50	1·7	7 0	1 21	7 26	2 45	3 3	19
20	4 55	3 17	7 12	12 30	2·7	8 22	2 10	7 43	3 21	3 39	20
21	4 56	3 3	7 10	12 10	3·7	9 46	3 0	8 1	3 58	4 18	21
22	4 58	2 48	7 8	11 50	4·7	11 12	3 53	8 24	4 37	4 56	22
23	4 59	2 33	7 6	11 30	5·7	0 a 37	4 49	8 52	5 15	5 36	23
24	5 1	2 17	7 4	11 9	☽	1 59	5 48	9 32	5 58	6 23	24
25	5 3	2 1	7 1	10 49	7·7	3 13	6 49	10 24	6 50	7 19	25
26	5 4	1 45	6 59	10 28	8·7	4 11	7 49	11 30	7 52	8 30	26
27	5 6	1 28	6 57	10 7	9·7	4 54	8 47	morn.	9 17	10 9	27
28	5 7	1 11	6 55	9 46	10·7	5 25	9 41	0 46	10 54	11 36	28
29	5 9	0 53	6 53	9 25	11·7	5 49	10 32	2 6	— —	0 11	29
30	5 10	0 35	6 51	9 3	12·7	6 7	11 19	3 26	0 40	1 5	30
31	5 12	0 16	6 48	8 42	○	6 23	morn.	4 43	1 28	1 50	31

MONTHLY NOTICES.

1. Last day for overseers to deliver lists of county electors with claims and objections to the Clerk of the Peace; overseers of Parishes in Boroughs to make out *Burgess Lists*, under Municipal Reform Act, to be delivered to Town Clerk this day, who is to affix them to the Town Hall till the 15th.

1. On or before this day the list of lodgers claiming to vote, with the particulars of their claims, to be published.

5, 6, 7. Barnet—sheep, Welsh cattle, and horses.

3, 10, 17 (first 3 Sundays). List of jurors to be affixed to doors of churches and other places of worship.

7, 8. Denbigh—cattle, horses, sheep, &c.

15. Claims of persons omitted in the *Burgess Lists*, and objections to persons improperly inserted, to be given to the Town Clerk in writing on or before this day; notice of objection to be also given to the person objected to.

18. Louth—horses, cattle, and sheep.

20. The earliest day for Revising Barristers to hold a court for the revision of county voters' lists.

21. Reading—cheese, hogs, &c.

21. Naumburg—manufactured goods, &c.

23. Carnarvon—cattle, &c.

27. Leipzig fair—books, Russian & Polish produce, manufactured goods, &c.; three weeks.

30. Brewers' licences expire.

PROPER LESSONS.

Morning.		*Evening.*	
7 S. 2 Kings 5	1 Corinthians 15, v. 35	2 Kings 6 to v. 24; *or* 7	Mark 8 v. 10 to 9, v. 2
14 S. „ 9	2 Corinthians 6 & 7, v. 1	„ 10 to v. 32; *or* 13	„ 12, v. 13 to 35
21 (S. Matt.) 1 Kings 19, v. 15	„ 12, v. 14 & 13	1 Chronicles 29 to v. 20	„ 15, v. 42; and 16
28 S. 2 Chronicles 36	Galatians 6	Nehemiah 1 & 2 to v. 9; *or* 8	Luke 4, to v. 16

Day of the Week		Day of the Year	Sundays and Remarkable Days
1	M	244	Partridge Shooting begins
2	Tu	245	.. ..
3	W	246	.. ..
4	Th	247	.. ..
5	F	248	Old Bartholomew.
6	S	249	.. ..
7	S	250	13 *Sunday after Trinity.*
8	M	251	.. ..
9	Tu	252	.. ..
10	W	253	.. ..
11	Th	254	.. ..
12	F	255	.. ..
13	S	256	.. ..
14	S	257	14 *Sunday after Trinity.* Holy Cross.
15	M	258	.. ..
16	Tu	259	.. ..
17	W	260	.. ..
18	Th	261	.. ..
19	F	262	.. ..
20	S	263	.. ..
21	S	264	15 *Sunday after Trinity.* *St. Matt. D. Cumb.b.* '45
22	M	265	.. ..
23	Tu	266	.. ..
24	W	267	Equal day and night.
25	Th	268	.. ..
26	F	269	.. ..
27	S	270	.. ..
28	S	271	16 *Sunday after Trinity.*
29	M	272	*MICHAELMAS DAY.*
30	Tu	273	.. ..

ASTRONOMICAL PHENOMENA.

Mercury, in the constellation Leo, is visible a little before sunrise, about the 9th, at greatest elongation 17° 57′ W.

Venus, in the constellation Virgo, is in inferior conjunction with the Sun on the 24th.

Mars, in the constellations Aries and Taurus, is visible in the mornings. On the 15th, rises at 8h 23m P.M.

Jupiter, in the constellation Aquarius, is visible in the evenings and mornings. On the 15th sets at 4h 8m A.M.

Saturn, in the constellation Pisces, is also visible in the evenings and mornings. On the 15th rises at 6h 58m P.M.

Uranus, in the constellation Pisces, is near the Sun.

Neptune, is in the constellation Aries. On the 15th, passes the meridian at 3h 5m A.M.

The *Moon*, on the 3rd, at midnight, in conjunction with Saturn, at 8° 25′ S.; on the 6th, at 4h P.M., in Apogee; on the 7th, at 2h A.M., in conjunction with Mars at 6° 55′ S.; on the 15th at 4h A.M., with Mercury, at 5° 14′ N.; on the 16th, at 11h P.M., with Venus at 4° 7′ S.; on the 18th, at 1h P.M., in Perigee; and on the 27th, at 11h aft., in conjunction with Jupiter, at 5° 16′ S.

The *Constellation* Pegasus will be on the meridian at midnight, about the middle of the month.

Eclipses of Jupiter's Satellites.

First Satellite. On the 6th Em. at 12h 0m 27s P.M.; on the 14th Em. at 1h 55m 38s, A.M.; on the 15th Em. at 8h 24m 25s P.M.; on the 22nd Em. at 10h 19m 43s P.M.; and on the 30th Em. at 0h 15m 8s A.M.

Second Satellite. On the 7th Em. at 11h 12m 55s P.M.; and on the 15th Em. at 1h 48m 10s A.M.

Third Satellite. On the 18th Em. at 9h 14m 12s P.M.; and on the 26th Em., at 1h 15m 30s A.M.

Hebrew Calendar. 1879 5639—40			*Mohammedan Calendar.* 1879 Hegira, 1296		
Sept. 1	13 Elul.		Sept. 1	14 Ramadân	Fortunate Days.
18	1 Tisri	New year (5640).	2	15 „	
			18	1 Shawall	Grand Bairam.
21	4 „	Fast of Guedaliah.	19	2 „	
			20	3 „	
27	10 „	Fast of Atonement	30	13 „	Fortunate Day.

THERMOMETRICAL REGISTER.

SEPTEMBER, 1878.

	Highest.	Lowest.		Highest.	Lowest.
1	62·2	54·9	16	64·4	49·7
2	70·9	52·2	17	67·3	50·1
3	72·8	49·7	18	62·1	48·6
4	74·5	50·4	19	62·9	44·6
5	74·4	57·8	20	61·9	44·9
6	73·6	53·0	21	60·5	38·3
7	76·4	51·7	22	59·1	46·0
8	77·7	55·3	23	58·5	41·5
9	69·9	53·8	24	59·4	38·2
10	68·9	50·7	25	60·5	43·4
11	74·3	45·0	26	59·3	40·7
12	69·1	50·9	27	62·8	43·5
13	64·6	46·7	28	67·3	54·8
14	70·3	46·0	29	66·6	50·7
15	68·6	52·7	30	64·2	51·7

THE MOON'S CHANGES.

Last Quart... 8th day, 8h. 4m. aftern.
New .....16th day, 5h. 57m. morn.
First Quart...22nd day, 9h. 19m. aftern.
Full .....30th day, 9h. 17m. morn.

☽'s Dec. on the 1st, 0°; 9th, 25°: 54′ N.; 16th, 0°; 22nd, 25° 48′ S.; 29th, 0°.

M. D.	L. of Day	Day's decr.	Day brk.	Twil. ends	☉'s semi-di.
1	13 33	3 1	3m6	8a54	15′ 54″
6	13 14	3 20	3 18	8 39	15 55
11	12 55	3 39	3 29	8 25	15 56
16	12 35	3 59	3 39	8 11	15 57
21	12 16	4 18	3 49	7 57	15 58
26	11 56	4 38	3 59	7 44	16 0

Day	Sun rises	Eq. Time Clock aft. Sun	Sun sets	Sun's Dec.	Moon's Age	Moon rises	Southing of the Moon	Moon sets	High Water, London Bridge Morn.	High Water, London Bridge Aftern.	Day
	h m	m s	h m	° ′	d	h m	h m	h m	h m	h m	
1	5 14	0 2	6 46	8 N 20	14·7	6 a 38	0 m 4	5m58	2 9	2 26	1
2	5 15	0 21	6 44	7 58	15·7	6 52	0 47	7 10	2 43	3 0	2
3	5 17	0 40	6 42	7 36	16·7	7 6	1 29	8 21	3 16	3 33	3
4	5 18	1 0	6 40	7 14	17·7	7 23	2 11	9 31	3 49	4 5	4
5	5 20	1 20	6 37	6 52	18·7	7 43	2 55	10 42	4 21	4 35	5
6	5 22	1 40	6 35	6 30	19·7	8 8	3 40	11 51	4 49	5 4	6
7	5 23	2 0	6 33	6 7	20·7	8 41	4 27	0 a 57	5 19	5 36	7
8	5 25	2 20	6 30	5 45	☾	9 23	5 16	1 58	5 55	6 16	8
9	5 26	2 41	6 28	5 22	22·7	10 17	6 7	2 51	6 39	7 5	9
10	5 28	3 1	6 26	4 59	23·7	11 21	6 59	3 34	7 37	8 14	10
11	5 30	3 22	6 24	4 37	24·7	morn.	7 51	4 8	8 59	9 48	11
12	5 31	3 43	6 21	4 14	25·7	0 34	8 42	4 34	10 32	11 12	12
13	5 33	4 4	6 19	3 51	26·7	1 51	9 32	4 56	11 46	— —	13
14	5 34	4 25	6 17	3 28	27·7	3 12	10 22	5 14	0 15	0 38	14
15	5 36	4 46	6 14	3 5	28·7	4 34	11 11	5 31	0 59	1 19	15
16	5 38	5 7	6 12	2 41	●	5 57	0 a 0	5 47	1 39	1 58	16
17	5 39	5 28	6 10	2 18	1·3	7 22	0 51	6 6	2 16	2 34	17
18	5 41	5 49	6 8	1 55	2·3	8 50	1 45	6 28	2 53	3 12	18
19	5 43	6 10	6 5	1 32	3·3	10 19	2 42	6 55	3 32	3 52	19
20	5 44	6 31	6 3	1 8	4·3	11 45	3 41	7 32	4 13	4 34	20
21	5 46	6 52	6 1	0 45	5·3	1 a 3	4 43	8 21	4 54	5 16	21
22	5 47	7 13	5 58	0 22	☽	2 6	5 44	9 24	5 40	6 7	22
23	5 49	7 34	5 56	0 s 2	7·3	2 53	6 42	10 36	6 35	7 5	23
24	5 50	7 55	5 54	0 25	8·3	3 28	7 37	11 54	7 42	8 27	24
25	5 52	8 16	5 51	0 49	9·3	3 54	8 28	morn.	9 16	10 5	25
26	5 54	8 36	5 49	1 12	10·3	4 13	9 16	1 12	10 47	11 24	26
27	5 55	8 57	5 47	1 35	11·3	4 30	10 1	2 31	11 56	— —	27
28	5 57	9 17	5 44	1 59	12·3	4 45	10 44	3 44	0 24	0 47	28
29	5 59	9 37	5 42	2 22	13·3	4 59	11 26	4 56	1 8	1 27	29
30	6 0	9 56	5 40	2 46	○	5 13	morn.	6 8	1 45	2 1	30

MONTHLY NOTICES.

1. British Museum closes for a week.
2. Mayor and Assessors to hold an open court to revise *Burgess Lists* under Municip Reform Act, some time between the 1st and 15th Oct.; 3 clear days' notice being given. Revised list to be kept by Town Clerk, and persons therein entered to be entitled to vote from 1st Nov.
3. Nottingham—(for 9 days) horses, cattle, &c.
3, 4. Howden—horses, cattle, &c. (hops.
5. Half-yearly div. due, p.13. 5, 6, 7. Reading—
10. Expir. of licences of distillers, retailers of beer, spirits, and wine (in Eng. and Irel.); sweets, retailers (publicans); brewers using sugar; beer sellers (1 Wm. 4); tobacco dealers (publicans Eng. and Irel. and beer sellers).
11. Annual licence to be taken out by Bankers, or others issuing promissory notes for money payable to bearer on demand, and allowed to be re-issued, or for the issue of bills of exchange on unstamped paper.
11 to 14 Weyhill—hops, sheep, &c.
11. Malton—horses, cattle, and rams.
11, 12. Leicester—cheese, horses, and cattle.
12, 13. Denbigh—cattle, horses, sheep, &c.
13. Leek—cattle, &c.
14. Fire insurance due at Michaelmas must be paid by this day, or the policy becomes void.
— Quarter Sessions commence this week.
19 to 27. Market Harboro'—cattle, leather, &c.
20. Hereford—cattle, sheep, butter, hops.
23. Louth—horses, cattle, sheep.
25. Wellington—cattle, sheep, &c.
26. Bromsgrove—cattle, sheep, &c.
27. Newcastle-upon-Tyne—cattle, sheep, &c.
28, 29. Horncastle—horses, cattle.

PROPER LESSONS.

	Morning.		Evening.	
5 S. Jeremiah 5	Ephes. 5 *v.* 22, to 6, *v.* 10		Jer. 22; *or* 35	Luke 7, to *v.* 24
12 S. „ 36	Coloss. 1, *v.* 21, to 2, *v.* 8		Eze. 2; *or* 13 to *v.* 17	„ 10, *v.* 17
19 S. Ezekiel 14	1 Thessalonians 4		„ 18; *or* 24, *v.* 15	„ 14, to *v.* 25
26 S. „ 34	1 Timothy 3		„ 37; *or* Dan. 1.	„ 18, *v.* 31, to 19, *v.* 11

Day of the Week	Day of the Year	Sundays and Remarkable Days
1 W	274	Camb. Mich. Term beg. / Pheasant Shooting beg.
2 Th	275	.. ..
3 F	276	.. ..
4 S	277	.. ..
5 S	278	17 *Sunday after Trinity.*
6 M	279	.. ..
7 Tu	280	.. ..
8 W	281	.. ..
9 Th	282	.. ..
10 F	283	Oxford Mich. Term beg.
11 S	284	.. ..
12 S	285	18 *Sunday after Trinity.*
13 M	286	.. ..
14 Tu	287	.. ..
15 W	288	*Pr. Alf. of Edinb. b.* 1874.
16 Th	289	.. ..
17 F	290	*Dhs. Edinburgh b.* 1853. / Fox Hunting begins.
18 S	291	*St. Luke.*
19 S	292	19 *Sunday after Trinity.*
20 M	293	.. ..
21 Tu	294	.. ..
22 W	295	.. ..
23 Th	296	.. ..
24 F	297	.. ..
25 S	298	.. ..
26 S	299	20 *Sunday after Trinity.*
27 M	300	.. ..
28 Tu	301	*St. Simon and St. Jude.*
29 W	302	Hare Hunting begins.
30 Th	303	.. ..
31 F	304	.. ..

ASTRONOMICAL PHENOMENA.

Mercury, in the constellations Virgo and Libra, is in superior conjunction with the Sun on the 6th.

Venus, in the constellation Leo, is visible in the mornings. On the 15th, rises at 3h 55m A.M.; greatest brilliancy about the 30th.

Mars, in the constellation Taurus, is visible in the evenings and mornings. On the 15th, rises at 6h 24m P.M.

Jupiter, in the constellation Aquarius, is visible in the evenings. On the 7th, in conjunction with the star σ Aquarii at 0° 10′ N. On the 15th sets at 1h 55m A.M.

Saturn, in the constellation Pisces, is in opposition to the Sun on the 5th; and at transit is in R.A., 0h 49m 37s., Dec. 3° 21′ N.

Uranus, in the constellation Leo, is near the Sun.

Neptune is in the constellation Aries. On the 15th passes the meridian at 1h 4m A.M.

The *Moon*, on the 1st, at 3h A.M., in conjunction with Saturn, at 8° 22′ S.; on the 4th, at 9h A.M., in Apogee; at 8h P.M., in conjunction with Mars, at 5° 45′ S.; on the 13th, at 3h P.M., with Venus, at 0° 51′ S.; on the 16th, at 6h A.M., with Mercury, at 5° 19′ N.; at 5h P.M., in Perigee; on the 25th, at; 1h A.M., in conjunction with Jupiter, at 5° 17′ S.; on the 28th, at 6h A.M., with Saturn, at 8° 23′ S.; on the 31st, at 5h P.M., with Mars, at 4° 41′ S.; and at 8h P.M., in Apogee.

The *Constellations* Cassiopeia, Andromeda, Pisces, and Cetus, will be on the meridian about midnigh in the middle, and Aries at the end of the month.

Eclipses of Jupiter's Satellites.

First Satellite. On the 1st Em., at 6h 44m 3s P.M. on the 8th Em. at 8h 39m 34s P.M.; on the 15th Em., at 10h 35m 8s P.M.; on the 24th Em., at 6h 59s 37s P.M.; and on the 31st Em., at 8h 55m 17s P.M.

Second Satellite. On the 2nd Em., at 8h 17m 8s P.M.; and on the 9th Em., at 10h 53m 5s P.M.

Third Satellite. On the 31st Im., at 6h 3m 58s P.M.; Em. at 9h 22m 17s P.M.

Fourth Satellite. On the 25th Im., at 9h 34m 29s P.M.

Hebrew Calendar. 1879 5640		*Mohammedan Calendar.* 1879 Hegira, 1296	
Oct. 1 14 Tisri.		Oct. 1 14 Shawwal	Fortunate Days.
2 15 „	Feast of Tabernacles.	2 15 „	
8 21 „	Last day of Festival.	17 1 Dhu'lkadah.	
10 23 „	Rejoicing of the Law.	29 13 „	Fortunate Days.
18 1 Chesvan.		30 14 „	
		31 15 „	

THERMOMETRICAL REGISTER.

OCTOBER, 1877.

Highest.	Lowest.	Highest.	Lowest.
1 63·8	40·9	17 53·7	31·7
2 60·2	37·8	18 50·9	28·2
3 60·0	34·4	19 56·4	30·6
4 60·5	31·0	20 60·9	41·7
5 63·2	35·9	21 56·4	44·5
6 63·0	36·1	22 62·6	46·5
7 53·4	33·8	23 56·7	41·5
8 55·6	42·7	24 54·5	38·4
9 55·6	39·1	25 52·9	45·7
10 53·2	35·4	26 54·2	44·3
11 56·5	45·8	27 57·5	44·2
12 57·4	43·5	28 56·9	43·7
13 61·4	45·9	29 58·4	44·1
14 68·8	52·3	30 61·9	46·8
15 64·7	42·9	31 57·3	47·7
16 50·2	35·2		

THE MOON'S CHANGES.

Last Quart... 8th day, 1h. 48m. aftern
New .....15th day, 3h. 9m. aftern
First Quart..22nd day, 6h. 18m. morn.
Full .....30th day, 2h. 10m. morn.

☽'s Dec. on the 6th, 25° 39′ N.; 13th, 0° 19th, 25° 33′ S.; 26th, 0°.

M. D.	L. of Day	Day's decr.	Day brk.	Twil. ends	⊙'s semi-di.
1	11 36	4 58	4m8	7a32	16′ 1″
6	11 17	5 17	4 17	7 20	16 3
11	10 57	5 37	4 25	7 9	16 4
16	10 38	5 56	4 34	6 58	16 5
21	10 19	6 15	4 42	6 48	16 7
26	10 0	6 34	4 50	6 38	16 8

Day	Sun rises	Eq. Time Clock aft. Sun	Sun sets	Sun's Dec.	Moon's Age	Moon rises	Southing of the Moon	Moon sets	High Water, London Bridge Morn.	High Water, London Bridge Aftern.	Day
	h m	m s	h m	° ′	d	h m	h m	h m	h m	h m	
1	6 2	10 16	5 38	3 s 9	15·3	5 a 29	0m 8	7m18	2 16	2 32	1
2	6 4	10 35	5 35	3 32	16·3	5 47	0 51	8 28	2 47	3 2	2
3	6 5	10 54	5 33	3 55	17·3	6 12	1 35	9 37	3 17	3 33	3
4	6 7	11 12	5 31	4 19	18·3	6 41	2 22	10 44	3 49	4 3	4
5	6 9	11 30	5 29	4 42	19·3	7 20	3 10	11 47	4 18	4 34	5
6	6 10	11 48	5 26	5 5	20·3	8 9	4 0	0 a 42	4 50	5 7	6
7	6 12	12 5	5 24	5 28	21·3	9 8	4 51	1 29	5 25	5 44	7
8	6 14	12 22	5 22	5 51	☾	10 16	5 41	2 4	6 7	6 34	8
9	6 15	12 39	5 20	6 14	23·3	11 29	6 31	2 32	7 4	7 39	9
10	6 17	12 55	5 17	6 37	24·3	morn.	7 21	2 57	8 21	9 5	10
11	6 19	13 10	5 15	6 59	25·3	0 45	8 9	3 16	9 52	10 32	11
12	6 20	13 25	5 13	7 22	26·3	2 5	8 58	3 34	11 6	11 35	12
13	6 22	13 40	5 11	7 45	27·3	3 26	9 46	3 50	— —	— —	13
14	6 24	13 54	5 9	8 7	28·3	4 51	10 37	4 8	0 23	0 44	14
15	6 25	14 7	5 6	8 29	●	6 18	11 30	4 29	1 5	1 25	15
16	6 27	14 20	5 4	8 51	0·9	7 49	0 a 27	4 54	1 46	2 6	16
17	6 29	14 32	5 2	9 14	1·9	9 18	1 27	5 28	2 26	2 47	17
18	6 31	14 44	5 0	9 35	2·9	10 43	2 30	6 14	3 8	3 31	18
19	6 32	14 55	4 58	9 57	3·9	11 55	3 34	7 13	3 52	4 15	19
20	6 34	15 5	4 56	10 19	4·9	0 a 49	4 35	8 25	4 40	5 4	20
21	6 36	15 15	4 54	10 40	5·9	1 30	5 33	9 44	5 29	5 57	21
22	6 38	15 24	4 52	11 2	☽	1 58	6 26	11 4	6 26	6 58	22
23	6 39	15 33	4 50	11 23	7·9	2 19	7 14	morn.	7 35	8 15	23
24	6 41	15 41	4 48	11 44	8·9	2 36	7 59	0 20	8 58	9 43	24
25	6 43	15 48	4 46	12 5	9·9	2 51	8 42	1 34	10 20	10 55	25
26	6 45	15 55	4 44	12 25	10·9	3 6	9 24	2 46	11 26	11 53	26
27	6 46	16 0	4 42	12 46	11·9	3 21	10 6	3 56	— —	0 17	27
28	6 48	16 6	4 40	13 6	12·9	3 36	10 48	5 6	0 37	0 56	28
29	6 50	16 10	4 38	13 26	13·9	3 54	11 32	6 15	1 15	1 33	29
30	6 52	16 13	4 36	13 46	○	4 16	morn.	7 24	1 49	2 5	30
31	6 53	16 16	4 34	14 6	15·9	4 44	0 18	8 33	2 21	2 36	31

MONTHLY NOTICES.

1. Certificate to be taken out by any member of an inn of court in England, acting as conveyancer, special pleader, draftsman in equity, not being at the bar.
1. Stage carriage licences expire.
1. Borough Councillors to be elected.
1. Holiday at Bank Transfer Office.
1. Cirencester—cattle, sheep, horses, &c.
6. Beverley—cattle, horses, and sheep.
6. Newcastle-under-Lyne—cattle.
6, 7. Carnarvon—cattle, &c.
8. Warwick—horses, cows, and sheep.
8. Rochdale—horses, cattle, and woollen cloths.
9. Mayors and Aldermen of Boroughs elected.
9, 10. Denbigh—cattle, horses, sheep, pigs, &c.
11. Martinmas—Scotch Quarter-day.
13. Loughborough—horses, cows, and sheep.
14. Kingston, Surrey—horses, cattle, &c.
14. Leek—cattle, &c.
16. *Certificate* to be taken out yearly by any person admitted as an attorney, solicitor, proctor, or writer to the signet, or admitted and enrolled as a notary public, and by every sworn clerk, clerks in court, &c.
16, 17. Llandovery—cattle and pigs.
17, 18. Andover—sheep, cheese, hops.
20. Boston (3 days)—horses.
22. Guildford—horses, cattle, sheep, and hogs.
23. Louth—horses, cattle, sheep, &c.
29. Gloucester—cattle, pigs, horses, &c.
29. Wellington—cattle, sheep, &c.
30. Bromsgrove—cattle, sheep, &c.
30. Warrington (for 9 days)—horses, &c.
30. Wells—oxen, horses, sheep, and hogs.

PROPER LESSONS.

	Morning.	*Evening.*
2 S. Daniel 3	2 Timothy 3	Daniel 4; *or* 5
9 S. „ 6	Hebrews 2 and 3, to v. 7	„ 7, v. 9; *or* 12
16 S. Hosea 14	„ 10, to v. 19	Joel 2, v. 21; *or* 3, v. 9
23 S. Eccles. 11 & 12	James 2	Haggai 2 to v. 10; *or* Mal. 3 & 4
30 S. Isaiah 1	John 1, v. 35, to v. 43	Isaiah 2; *or* 4, v. 2

Evening.
Luke 22, to v. 31
John 1, to v. 29
„ 5, to v. 24
„ 8, to v. 31
„ 12, v. 20, to v. 42

Day of the Week		Day of the Year	Sundays and Remarkable Days
1	S	305	*All Saints.*
2	S	306	21 *Sunday after Trinity.* Mich. Law Sittings beg.
3	M	307	.. ..
4	Tu	308	.. ..
5	W	309	.. ..
6	Th	310	.. ..
7	F	311	.. ..
8	S	312	Camb. M. T. div. noon.
9	S	313	22 *Sunday after Trinity. Prince of Wales b.* 1841.
10	M	314	Lord Mayor's Day.
11	Tu	315	Half-Quarter Day. *St. Martin.*
12	W	316	.. ..
13	Th	317	.. ..
14	F	318	.. ..
15	S	319	.. ..
16	S	320	23 *Sunday after Trinity.*
17	M	321	.. ..
18	Tu	322	.. ..
19	W	323	.. ..
20	Th	324	.. ..
21	F	325	*Princess Royal b.* 1840.
22	S	326	.. ..
23	S	327	24 *Sunday after Trinity.*
24	M	328	.. ..
25	Tu	329	.. ..
26	W	330	*Prs. Maud of W., b.* 1869.
27	Th	331	*Prs. Mary of Camb. b.* 1833.
28	F	332	.. ..
29	S	333	.. ..
30	S	334	*Advent Sun. St. Andrew*

ASTRONOMICAL PHENOMENA.

Mercury in the constellation Scorpio is visible a little after sunset, about the 21st, at greatest elongation 21° 56′ E.

Venus in the constellation Virgo is visible in the mornings. On the 15th, rises at 3h 0m A.M.; on the 25th, in close conjunction with the star θ Virginis at 0° 2′ N.

Mars, in the constellation Aries, is in opposition to the Sun on the 12th; and at transit is in R.A. 3h 10m 14s; Dec., 17° 55′ N.

Jupiter, in the constellation Aquarius, is visible in the evenings. On the 15th, sets at 11h 50m P.M.; on the 20th, in close conjunction with the star σ Aquarii, at 0° 2′ N.

Saturn, in the constellation Pisces, is visible during the evenings. On the 15th, sets at 3h 15m A.M.

Uranus, in the constellation Leo, is near the Sun.

Neptune, in the constellation Aries, is in opposition to the Sun on the 3rd, and at transit is in R.A. 2h 35m 13s. Dec., 13° 16′ N.

The *Moon*, on the 11th, at 1h A.M., in conjunction with Venus, at 5° 36′ N.; on the 14th, at 4h A.M., in Perigee; on the 15th, at noon, in conjunction with Mercury, at 0° 13′ N.; on the 21st, at 9h A.M., with Jupiter, at 5° 30′ S.; on the 24th, at 9h A.M., with Saturn, at 8° 26′ S.; on the 27th, at 6h A.M., with Mars, at 3° 51′ S.; and at 8h P.M. in Apogee.

The *Constellations* Perseus and Eridanus will be on the meridian about midnight in the middle of the month.

Eclipses of Jupiter's Satellites.

First Satellite. On the 7th Em. at 10h 50m 59s P.M.; on the 9th Em. at 5h 19m 56s P.M.; on the 16th Em. at 7h 15m 38s P.M., and on the 23rd Em. at 9h 11m 19s P.M.

Second Satellite. On the 3rd Em. at 8h 0m 26s P.M.; on the 10th Em. at 10h 37m 16s P.M.; and on the 28th Em. at 5h 10m 13s P.M.

Third Satellite. On the 7th Im. at 10h 6m 52s P.M.

Fourth Satellite. On the 11th Em. at 7h 38m 50s P.M.

Hebrew Calendar.
1879 5640
Nov. 1 15 Chesvan.
16 1 Chislev.

Mohammedan Calendar.
1879 Hegira, 1296
Nov. 1 16 Dhu'lkadah.
16 1 Dhu'lhajah-Kurban Bairam.
28 13 „ Fortunate Days.
29 14 „
30 15 „

THERMOMETRICAL REGISTER.

NOVEMBER, 1877.

	Highest.	Lowest.		Highest.	Lowest.
1	54·7	39·0	16	58·0	37·5
2	55·0	36·8	17	49·8	31·9
3	52·9	36·7	18	50·1	36·3
4	56·0	33·2	19	49·4	33·6
5	58·2	46·8	20	44·7	35·6
6	58·2	48·5	21	52·0	34·0
7	57·2	49·5	22	55·2	42·7
8	58·7	45·3	23	48·1	37·0
9	55·3	47·5	24	42·8	34·6
10	56·0	44·7	25	42·7	33·0
11	52·7	45·5	26	48·2	31·9
12	51·8	39·3	27	52·5	42·0
13	46·7	40·2	28	46·8	38·5
14	51·0	34·1	29	48·9	36·9
15	54·2	43·1	30	47·0	38·2

THE MOON'S CHANGES.

Last Quart ... 7th day, 5h. 55m. morn.
New .....14th day, 0h. 38m. morn.
First Quart...20th day, 6h. 55m. aftern.
Full .....28th day, 8h. 57m. aftern.

☽'s Dec. on the 2nd, 25° 26′ N; 9th, 0°; 15th, 25° 23′ S; 22nd, 0°; 29th, 25° 21′ N.

M. D.	L. of Day	Day's decr.	Day brk.	Twil. ends	☉'s semi-di.
1	9 38	6 56	5m0	6a28	16′ 10″
6	9 20	7 14	5 7	6 20	16 11
11	9 3	7 31	5 15	6 13	16 12
16	8 47	7 47	5 22	6 8	16 13
21	8 32	8 2	5 29	6 3	16 14
26	8 19	8 15	5 36	5 59	16 15

Day	Sun rises	Eq. Time Clock aft. Sun	Sun sets	Sun's Dec.	Moon's Age	Moon rises	Southing of the Moon	Moon sets	High Water, London Bridge Morn.	High Water, London Bridge Aftern.	Day
	h m	m s	h m	° ′	d	h m	h m	h m	h m	h m	
1	6 55	16 18	4 32	14 s 25	16·9	5 a 20	1 m 6	9 m 37	2 52	3 7	1
2	6 57	16 19	4 30	14 44	17·9	6 4	1 55	10 34	3 23	3 39	2
3	6 59	16 20	4 29	15 3	18·9	7 1	2 45	11 24	3 55	4 12	3
4	7 0	16 19	4 27	15 22	19·9	8 4	3 36	0 a 3	4 28	4 46	4
5	7 2	16 18	4 25	15 40	20·9	9 14	4 25	0 33	5 4	5 24	5
6	7 4	16 16	4 23	15 58	21·9	10 27	5 14	0 59	5 47	6 12	6
7	7 6	16 13	4 22	16 16	☾	11 43	6 1	1 19	6 40	7 10	7
8	7 8	16 9	4 20	16 34	23·9	morn.	6 48	1 37	7 43	8 20	8
9	7 9	16 4	4 18	16 51	24·9	1 0	7 34	1 52	9 0	9 40	9
10	7 11	15 58	4 17	17 8	25·9	2 20	8 22	2 9	10 14	10 45	10
11	7 13	15 52	4 15	17 25	26·9	3 44	9 13	2 29	11 15	11 43	11
12	7 15	15 45	4 13	17 41	27·9	5 11	10 7	2 51	— —	0 8	12
13	7 16	15 36	4 12	17 57	28·9	6 42	11 6	3 21	0 32	0 54	13
14	7 18	15 27	4 11	18 13	●	8 11	0 a 9	4 1	1 17	1 40	14
15	7 20	15 17	4 10	18 29	1·5	9 33	1 15	4 56	2 4	2 29	15
16	7 22	15 7	4 8	18 44	2·5	10 37	2 20	6 6	2 53	3 17	16
17	7 23	14 55	4 7	18 59	3·5	11 24	3 21	7 25	3 42	4 6	17
18	7 25	14 43	4 5	19 13	4·5	11 58	4 18	8 47	4 31	4 56	18
19	7 27	14 30	4 4	19 28	5·5	0 a 23	5 10	10 8	5 21	5 47	19
20	7 29	14 16	4 3	19 41	☽	0 42	5 57	11 24	6 16	6 45	20
21	7 30	14 1	4 2	19 55	7·5	0 58	6 41	morn.	7 15	7 45	21
22	7 32	13 45	4 1	20 8	8·5	1 13	7 23	0 37	8 18	8 54	22
23	7 33	13 29	4 0	20 21	9·5	1 28	8 5	1 47	9 30	10 4	23
24	7 35	13 12	3 59	20 33	10·5	1 43	8 47	2 57	10 36	11 7	24
25	7 37	12 54	3 58	20 45	11·5	2 0	9 30	4 6	11 35	— —	25
26	7 38	12 35	3 57	20 57	12·5	2 21	10 15	5 15	0 1	0 23	26
27	7 40	12 16	3 56	21 8	13·5	2 47	11 3	6 23	0 44	1 4	27
28	7 41	11 56	3 55	21 19	○	3 21	11 52	7 30	1 23	1 42	28
29	7 43	11 35	3 54	21 29	15·5	4 3	morn.	8 29	2 0	2 16	29
30	7 44	11 14	3 53	21 39	16·5	4 54	0 42	9 21	2 33	2 50	30

MONTHLY NOTICES.

1. Stamford—cattle.
1. Bridgewater—cattle, &c.
4. 5. Carnarvon—cattle, &c.
5. Dursley—cattle, sheep, and pigs.
5. Atherstone—horses and fat cattle.
6. Bodmin—cattle and sheep.
6. Higham Ferrers—horses, horned cattle, and sheep.
7. Bromsgrove—cattle, sheep, &c.
8. Hereford—cattle, sheep, &c.
9. 10. Bradford, Yorkshire—hogs and pedlery.
11. Worcester—cattle, sheep, and cheese.
12. Boston—cattle.
12. 13. Bewdley—hogs, cattle, horses, &c.
13. Wellington—cattle.
13. York (for a week)—horses.
14. Thirsk—horses, cattle, sheep, and leather.
14, 15. Denbigh—cattle, horses, sheep, pigs, &c.
16. Kettering—sheep and cattle.
16. Cheltenham—cattle and pedlery.
18. Hornsea—horses and cattle.
21. Election of common councilmen.
29. Leek—cattle, &c.
31. Dog licences expire, also licences for servants, &c.
31. *Last day of the year.*—Those who have not been accustomed to keep an account of personal or household expenses, or if in trade, to take an annual account of stock, should begin from this day. Without cash-books and stock-books, trade is little better than a game of chance.

PROPER LESSONS.

	Morning.		*Evening.*	
7 S. Isaiah 5	1 John 1		Isaiah 11 to *v.* 11; *or* 24	John 16 to *v.* 16
14 S. „ 25	2 John		„ 26; *or* 28, *v.* 5-19	„ 20 to *v.* 19
21 S. (St. Thomas) Job 42 to *v.* 7	John 20, *v.* 19-24		„ 35	„ 14 to *v.* 8
25 Christmas Day. Isa. 9 to *v.* 8	Luke 2 to *v.* 15		„ 7, *v.* 10-17	Titus 3, *v.* 4-9
28 S. (H. Innoc.) Jer. 31 to *v.* 18	Revelation 16		Baruch 4, *v.* 21-31	Revelations 18

Day of the Week		Day of the Year	Sundays and Remarkable Days
1	M	335	*Princess of Wales b.* 1844.
2	Tu	336	.. ..
3	W	337	.. ..
4	Th	338	.. ..
5	F	339	.. ..
6	S	340	.. ..
7	S	341	2 *Sunday in Advent.*
8	M	342	.. ..
9	Tu	343	Grouse Shooting ends.
10	W	344	.. ..
11	Th	345	.. ..
12	F	346	.. ..
13	S	347	.. ..
14	S	348	3 *Sunday in Advent.* Prince Consort d. 1861.
15	M	349	.. ..
16	Tu	350	Camb. Mich. Term ends.
17	W	351	Oxford Mich. Term ends.
18	Th	352	.. ..
19	F	353	.. ..
20	S	354	.. ..
21	S	355	4 *Sun. in Advt. St. Thos.* Mich. Law Sittings end.
22	M	356	.. ..
23	Tu	357	.. ..
24	W	358	.. ..
25	Th	359	*CHRISTMAS DAY.*
26	F	360	*St. Stephen.* Bank Holiday
27	S	361	*St. John, Evangelist.*
28	S	362	1 *Sun. after Christmas. Innocents.*
29	M	363	.. ..
30	Tu	364	.. ..
31	W	365	Silvester.

ASTRONOMICAL PHENOMENA.

Mercury, in the constellations Sagittarius and Scorpio, is visible a little before sunrise, about the 30th, at greatest elongation 22° 30′ W.

Venus, in the constellations Virgo and Libra, is visible in the mornings. On the 4th at greatest elongation 46° 47′ W.; on the 15th rises at 3h 40m A.M.

Mars, in the constellation Aries, is visible evenings and mornings. On the 15th sets at 4h 43m A.M.

Jupiter, in the constellation Aquarius, is visible in the evenings. On the 15th sets at 10h 10m P.M.

Saturn, in the constellation Pisces, is visible in the evenings. On the 15th sets at 1h 15m A.M.

Uranus is in the constellation Leo. On the 15th passes the meridian at 5h 10m A.M.

Neptune is in the constellation Aries. On the 15th passes the meridian at 8h 55m P.M.

The *Moon*, on the 10th, at 8h A.M., in conjunction with Venus, at 8° 2′ N.; on the 12th, at 5h P.M., in Perigee; on the 13th, at 4h A.M. in conjunction with Mercury, at 5° 0′ N.; on the 18th, at 11h P.M., with Jupiter, at 5° 49′ S.; on the 21st, at 3h P.M., with Saturn, at 8° 28′ S.; on the 24th, at 7h A.M., with Mars, at 3° 8′ S.; on the 25th, at 3h A.M., in Apogee; and on the 28th rises partially eclipsed.

The *Constellation* Taurus will be on the meridian at midnight in the beginning, and Orion and Auriga in the middle of the month.

Eclipses of Jupiter's Satellites.

First Satellite. On the 2nd Em., at 5h 35m 51s P.M.; on the 9th Em., at 7h 31m 27s P.M.; and on the 25th Em., at 5h 51m 25s P.M.

Second Satellite. On the 5th Em., at 7h 47m 39s P.M.; and on the 30th Em., at 4h 59m 26s P.M.

Third Satellite. On the 6th Em., at 5h. 30m 42s P.M.; and on the 13th Im. at 6h 18m 50s P.M.

Hebrew Calendar. 1879 5640			*Mohammedan Calendar.* 1879 Hegira, 1296-7		
Dec. 1	16	Chislev.	Dec. 1	16	Dhu'lhajah.
10	25	„ Dedication of Temple.	15	1	Moharem New Year, 1297
16	1	Thebet.	27	13	„ Fortunate Days.
25	10	„ Fast. Siege of Jerusalm.	28	14	„
31	16	„	29	15	„
			31	17	„

THERMOMETRICAL REGISTER.

DECEMBER, 1877.

	Highest.	Lowest.		Highest.	Lowest.
1	44·0	35·7	17	48·3	43·8
2	47·4	35·7	18	44·2	30·9
3	46·2	38·5	19	39·2	29·7
4	45·4	42·1	20	43·5	38·1
5	44·2	38·1	21	44·8	39·3
6	55·0	41·0	22	49·3	41·8
7	48·6	37·2	23	43·2	35·5
8	47·6	35·5	24	45·9	33·6
9	50·2	36·8	25	38·3	28·9
10	39·0	29·5	26	38·5	29·7
11	46·5	28·9	27	37·4	29·7
12	51·1	36·7	28	38·9	28·7
13	44·0	32·6	29	54·4	38·9
14	40·6	32·2	30	51·5	45·7
15	44·5	30·9	31	44·1	32·8
16	48·6	42·9			

THE MOON'S CHANGES.

Last Quart. 6th day, 7h. 43m. aftern.
New ..... 13th day, 11h. 4m. morn.
First Quart. 20th day, 11h. 16m. morn.
Full.....28th day, 4h. 16m. aftern.

☽'s Dec. on the 7th, 0°; 13th, 25° 21′ S.; 19th, 0°; 27th, 25° 21′ N.

M. D.	L. of Day	Day's decr.	Day brk.	Twil. ends	☉'s semi-di.
1	8 8	8 26	5m42	5a57	16′ 16″
6	7 58	8 36	5 47	5 55	16 17
11	7 51	8 43	5 52	5 55	16 17
16	7 46	8 48	5 56	5 56	16 18
21	7 44	8 51	5 59	5 57	16 18
26	7 45	0in.1	6 1	6 0	16 18

Day	Sun rises	Eq. Time Clock aft. Sun	Sun sets	Sun's Dec.	Moon's Age	Moon rises	Southing of the Moon	Moon sets	High Water, London Bridge Morn.	High Water, London Bridge Aftern.	Day
	h m	m s	h m	° ′	d	h m	h m	h m	h m	h m	
1	7 46	10 52	3 53	21 s 49	17·5	5 a 57	1 m 32	10 m 3	3 6	3 23	1
2	7 47	10 29	3 52	21 58	18·5	7 6	2 22	10 36	3 40	3 59	2
3	7 48	10 6	3 51	22 6	19·5	8 16	3 11	11 2	4 17	4 34	3
4	7 50	9 42	3 51	22 15	20·5	9 29	3 57	11 22	4 53	5 12	4
5	7 51	9 17	3 50	22 23	21·5	10 44	4 43	11 41	5 32	5 54	5
6	7 52	8 52	3 50	22 30	☾	12 0	5 28	11 59	6 18	6 45	6
7	7 54	8 26	3 50	22 37	23·5	morn.	6 14	0 a 13	7 12	7 41	7
8	7 55	8 0	3 49	22 44	24·5	1 19	7 2	0 31	8 12	8 45	8
9	7 56	7 33	3 49	22 50	25·5	2 41	7 52	0 50	9 20	9 54	9
10	7 57	7 6	3 49	22 55	26·5	4 7	8 47	1 16	10 26	10 59	10
11	7 58	6 38	3 49	23 1	27·5	5 36	9 46	1 48	11 31	— —	11
12	7 59	6 10	3 49	23 5	28·5	7 1	10 50	2 35	0 2	0 29	12
13	8 0	5 42	3 49	23 10	●	8 15	11 56	3 38	0 57	1 25	13
14	8 1	5 13	3 49	23 13	1·0	9 12	1 a 1	4 55	1 52	2 18	14
15	8 2	4 44	3 49	23 17	2·0	9 53	2 2	6 19	2 43	3 9	15
16	8 3	4 15	3 49	23 20	3·0	10 23	2 58	7 43	3 34	3 58	16
17	8 3	3 46	3 49	23 22	4·0	10 45	3 49	9 5	4 23	4 47	17
18	8 4	3 16	3 49	23 24	5·0	11 3	4 36	10 22	5 10	5 32	18
19	8 5	2 46	3 50	23 26	6·0	11 19	5 20	11 35	5 55	6 19	19
20	8 6	2 16	3 50	23 27	☽	11 34	6 3	morn.	6 42	7 7	20
21	8 6	1 47	3 50	23 27	8·0	11 49	6 45	0 47	7 32	7 58	21
22	8 7	1 17	3 51	23 27	9·0	0 a 6	7 28	1 55	8 25	8 56	22
23	8 7	0 47	3 51	23 27	10·0	0 25	8 12	3 4	9 30	10 6	23
24	8 7	0 17	3 52	23 26	11·0	0 48	8 58	4 13	10 39	11 11	24
25	8 8	bef. 13	3 53	23 25	12·0	1 20	9 47	5 20	11 41	— —	25
26	8 8	0 43	3 53	23 23	13·0	1 59	10 37	6 22	0 10	0 36	26
27	8 8	1 12	3 54	23 21	14·0	2 49	11 28	7 16	1 0	1 20	27
28	8 8	1 42	3 55	23 18	○	3 48	morn.	8 2	1 41	2 1	28
29	8 9	2 11	3 56	23 15	16·0	4 55	0 18	8 38	2 19	2 36	29
30	8 9	2 40	3 57	23 11	17·0	6 7	1 8	9 7	2 53	3 11	30
31	8 10	3 9	3 58	23 7	18·0	7 20	1 56	9 30	3 28	3 46	31

GOVERNMENT, PEERAGE, AND LEGISLATURE.

THE CROWN.

ALEXANDRINA VICTORIA, Queen of the United Kingdom of Great Britain and Ireland, Empress of India, born May 24, 1819; married Feb. 10, 1840, to Albert, Duke of Saxe Coburg-Gotha, Prince Consort, born Aug. 26, 1819, died Dec. 14, 1861.

Children.—1. Victoria Adelaide Mary Louisa, Princess Royal, born Nov. 21, 1840; married Jan. 25, 1858, to Friedrich Wilhelm, Prince Imperial of Germany.

2. Albert Edward, Prince of Wales, Field-marshal, born Nov. 9, 1841; married March 10, 1863, to Princess Alexandra of Denmark, born December 1, 1844. and has issue, Albert Victor Christian Edward, born Jan. 8, 1864; Geo. Fd. Ernest Albert, born June 3, 1865; Louise Victoria Alexandra Dagmar, born Feb. 20, 1867; Victoria Alexandra Olga Mary, born July 6, 1868; Maud Charlotte Mary Victoria, born Nov. 26, 1869; Alexander John Charles Albert, born April 6, 1871, died April 7, 1871.

3. Alice Maud Mary, born April 25, 1843; married July 1, 1862, to Ludwig, Grand Duke of Hesse.

4. Alfred Ernest Albert, Duke of Edinburgh, born Aug. 6, 1844; married Jan. 23, 1874, to the Grand Duchess Marie Alexandrovna of Russia, born Oct. 17, 1853. Issue, Alfred Alexander William Ernest Albert, born Oct. 15, 1874; and three Princesses.

5. Helena Augusta Victoria, born May 25, 1846; married July 5, 1866, General Prince Christian of Schleswig-Holstein-Sonderburg-Augustenburg.

6. Louise Caroline Alberta, born Mar. 18, 1848, married March 21, 1871, to the Marquis of Lorne.

7. Arthur William Patrick Albert, Duke of Connaught, born May 1, 1850.

8. Leopold George Duncan Albert, born April 7, 1853.

9. Beatrice Mary Victoria Feodore, born April 14, 1857.

Royal Princes and Princesses.

Ernest Augustus, Duke of Cumberland and Teviotdale, b. Sept. 21, 1845.

George William, Duke of Cambridge, Field-Marshal, born Mar. 26, 1819; Augusta Caroline, July 19, 1822, mar. June 28, 1843, the Grand Duke of Mecklenburg-Strelitz; Mary Adelaide, Nov. 27, 1833, married Duke of Teck, June 12, 1866.

THE QUEEN'S HOUSEHOLD.

Hered. Earl Marshal, Duke of Norfolk—*Sec.*, R. Wallace.

Lord Steward, Rt. Hon. Earl Beauchamp.

Treasurer, Rt. Hon. Lord H. Thynne, M.P.

Comptr., Rt. Hon. Lord H. Somerset, M.P.

Master, Lt.-Col. Sir J. C. Cowell, K.C.B.

Ld. Chamb., Gen. Marquis of Hertford.

Vice-Chamb., Rt. Hn. Visc. Barrington, M.P.

Comp. of Accts., Hn. S. Ponsonby-Fane, C.B.

Lords in Waiting, Earl of Dunmore, Earl of Roden, Visct. Torrington, Visct. Hawarden, Lord Bagot, Lord De Ros, Lord Elphinstone and Lord Henniker.—*Extra Ld.*, Lord Sackville.—*Grooms in Waiting*, Col. Hon. A. F. Liddell, Vice-Admiral Lord F. H. Kerr, J. F. Campbell, D. Cameron, M.P., R. Adm. Sir J. E. Commerell, R.N., V.C., K.C.B., Lt.-Col. Hon. C. H. Lindsay, Maj. C. E. Phipps—*Extra Grooms in Waiting*, Rt. Hon. Sir C. A. Murray, K.C.B., Lieut.-Col. Walter C. Stirling, Gen. Sir F. Seymour, Bt., K.C.B., Lt.-Col. W. H. F. Cavendish, Lt.-Col. A. F. Pickard, R.A., V.C.—*Priv. Sec. and Keeper of Privy Purse*, Lt.-Gen. H. F. Ponsonby.

Mist. of the Robes, Duchess of Wellington.

Ladies of the Bedchamber.—Duchess Dowager of Athole, Duchess of Roxburghe, Marchioness of Ely, Countess of Erroll, Lady Churchill, Lady Waterpark, Lady Abercromby, Lady Southampton.

Bedchamber Women.—Viscountess Chewton, Hon. Lady Hamilton-Gordon, Lady Codrington, Lady Sarah Elizabeth Lindsay, Hn. Mrs. R. Bruce, Hon. F. Macdonald, and Hn. Mrs. Ferguson of Pitfour.

Maids of Honour.—Hon. Caroline F. Cavendish, Hon. E. Cathcart, Hon. H. L. Phipps, Hon. Mary Emma Pitt, Hon. M. L. Lascelles, Hon. Frances M. Drummond, Hon. E. C. Paget, Miss A. G. Lambart.

Master of the Horse, Earl of Bradford—*Clerk Marshal*, Lt.-Gen. Lord Alfred Paget—*Crown Equerry and Sec.*, Col. G. A. Maude—*Equerries in Ordinary*, Maj.-Gen. Lord A. C. L. Fitzroy, Gen. Visct. Bridport, Col. C. T. du Plat, Lieut.-Gen. Hon. A. E. Hardinge, C.B., Maj.-Gen. H. L. Gardiner, Col. Hon. H. W. J. Byng, Col. J. C. McNeill, V.C., C.B., C.M.G.—*Extra Eq.*, Maj.-Gen. Marquis Conyngham—Lieut.-Gen. H. F. Ponsonby, *Hon. Eq.*, Gen. Hn. Sir A. Gordon, K.C.B., M.P.

Mast. of Buck Hounds, Earl of Hardwicke.

Hered. Gr. Falconer, Duke of St. Albans.

Hered. Grand Almoner, Marquis of Exeter.

High Almoner, Hon. and Very Rev. G. V. Wellesley, M.A.—*Sub-Almoner*, Rev. E. R. Wilberforce, M.A.

Clerk of the Closet, Bishop of Worcester—*Deputy Clerks of the Closet*, the Dean of Westminster, the Rev. Lord W. Russell, and Rev. Canon Lightfoot, D.D.

Dean of the Chapel, Bishop of London. *Sub-Dean*, Rev. F. Garden, M.A.

Domestic Chaplain, Dean of Windsor.

Physicians in Ord., Sir W. Jenner, Bt., M.D., K.C.B., Sir T. Watson, Bt., M. D., Sir G. Burrows, Bt., M.D.—*Phy. Ext.*, Wilson Fox, M.D. Sir W. Gull, Bt., M.D., E. H. Sieveking, M.D., C. J. B. Williams, M.D., Sir J. Alderson, M.D., A. Farre, M.D.—*Serj.-Surgeons*, C. H. Hawkins, F.R.S., Sir J. Paget, Bt., F.R.S.—*Serj.-Surg. Ext.*, P. G. Hewett.—*Surgs. Ext.*, Richard Quain, J. Hilton,

E. Erichsen.—*Phys. to Household*, J. R. Reynolds, M.D.—*Surg.-Apothecary*, C. F. Du Pasquier, F. H. Laking, M.D.
Capt. of Hon. Corps of Gentlemen at Arms, Rt. Hon. Earl of Coventry.
Captain of Royal Body Guard of Yeomen Guard, Lord Skelmersdale.
Sec. to Board of Green Cloth, Edw. M. Browell—*Paymaster of Household*, T. C. March.
Master of Ceremonies, Gen. Sir F. Seymour, Bt., K.C.B.—*Poet Laureate*, Alf. Tennyson—*Exam. of Plays*, E. F. S. Pigott.

PRINCE OF WALES'S HOUSEHOLD.

Groom of the Stole, Gen. Rt. Hon. Sir W. T. Knollys, K.C.B.
Lords of the Bedchamber, Marquis of Hamilton, M.P., Lord Suffield, K.C.B.
Extra Lord, Earl of Mount Edgcumbe.
Compt. and Treas., Maj.-Gen. Sir D. M. Probyn, K.C.S.I., C.B., V.C.
Grooms of the Bedchamber, Hn. A. Temple-Fitzmaurice, A. P. Cockerell.
Equerries, Lt.-Col. C. C. Teesdale, C.B., V.C., Col. Ellis, C.S.I., Lieut.-Col. S. A. A. C. Clarke, and Capt. H. F. Stephenson, C.B., R.N.—*Extra Equerries*, Col. Kingscote, C.B., M.P., Lt.-Col. R. Loyd-Lindsay, M.P., V.C., Maj John C. Russell.
Private Sec., Francis Knollys, C.B.
Phys. in Ord., Sir W. Jenner, Bt., M.D., K.C.B., Sir W. Gull, Bt., M.D., and E. Sieveking, M.D.
Surg. in Ord., Sir Jas. Paget, Bt., Geo. Pollock, P. G. Hewett.
Hon. Phys., Th. K. Chambers, W. H. Acland, Sir A. Armstrong, K.C.B., LL.D., F.R.S., Sir J. Fayrer, K.C.S.I., M.D.
Lord Warden of Stannaries, Visc. Portman.
Keep. of Pr. Seal, Earl of Leicester, K.G.
Vice-Warden, Herbert Wm. Fisher.
Sec. to Duchy of Cornwall, G. Wilmhurst.
Attorney-Gen., C. Hall.
Receiver-Gen., Gen. The Hon. Sir W. J. Knollys, K.C.B.

PRINCESS OF WALES.

Chambln., Rt. Hn. Ld. Colville of Culross.
Ladies of the Bedchamber, Countess of Morton, Countess of Macclesfield, Lady Emily Kingscote, and Lady Suffield.
Bedchamber Women, Hon. Mrs. Stonor, Hon. Mrs. E. Coke, Hon. Mrs. Arthur Hardinge, Miss Elizabeth C. Knollys.
Private Secretary, Moritz Holzmann.

DUKE OF EDINBURGH'S HOUSEHOLD.

Compt. & Treas., Col. Hon. W. J. Colville.
Equerries, Capt. A. B. Haig, R.E., C.B., Capt. Hon. D. J. Monson.
Phys. in Ord., Wilson Fox, M.D., Sir J. Fayrer, K.C.S.I., M.D.
Surg. in Ord., Oscar Clayton, M.D.

DUCHESS OF EDINBURGH.

Ladies in Waiting, Lady F. Baillie, Lady E. Osborne, Miss A. Corry, and Lady H. E. Grimston.
Phys. Accoucheur, A. Farre, M.D., F.R.S.
Priv. Sec., Dmitry Kolochine.

DUKE OF CONNAUGHT'S HOUSEHOLD.

Comptroller, Col. Sir H. C. Elphinstone, K.C.B., R.E., V.C.
Equerries, Capt. M. Fitzgerald, Ri. Brig., Capt. A. M. Egerton—*Extr. Eq.*, Lieut.-Col. A. F. Pickard, R.A., V.C.

PRINCE LEOPOLD'S HOUSEHOLD.

Priv. Sec., R. H. Collins, C.B.
Equerry, Hon. A. G. Yorke.
Surg. in Ord., A. Royle.

INDIA.

Gov.-Gen., Lord Lytton, G.C.B.

MINISTRY AND PUBLIC OFFICERS.

THE CABINET.

First Ld. of the Treasury (Prime Minister), Rt. Hon. Earl of Beaconsfield, K.G.
Lord High Chanc., Rt. Hon. Earl Cairns.
Lord President of Council, Rt. Hon. Duke of Richmond and Gordon, K.G.
Ld. Privy Seal, Duke of Northumberland.
Secretaries of State:—
Home, Right Hon. R. A. Cross.
Foreign, Right Hon. Marquis of Salisbury, K.G.
Colonial, Rt. Hon. Sir M. H. Beach, Bt.
War, Right Hon. F. A. Stanley.
India, Right Hon. Viscount Cranbrook.
Chanc. of Exchequer, Rt. Hon. Sir S. H. Northcote, Bart.
First Ld. of Adm., Rt. Hon. W. H. Smith.
Postmaster Gen., Rt. Hn. Lord J. Manners.
President of the Board of Trade, Rt. Hon. Viscount Sandon.

THE TREASURY.

Lords Commissioners, Rt. Hon. Earl of Beaconsfield, K.G., Rt. Hon. Sir S. H. Northcote, Bt., R. Winn, M.P., Sir J. D. Elphinstone, M.P., Viscount Crichton, M.P.—*Secs.*, Sir W. H. Dyke, Bt., M.P., Sir H. S. Ibbetson, Bart., M.P.—*Perm. Sec.*, R. R. W. Lingen, C.B.—*Priv. Secs. to First Lord*, M. Corry, C.B., A. Turnor—*Solicitor*, A. K. Stephenson.

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Secs., Hon. A. F. Egerton, M.P., *(Naval)* R.-Adm. R. Hall, C.B.—*Priv. Sec. to First Lord*, Capt. W. Codrington, R.N.
Hydrograph., Capt. F. J. O. Evans, R.N.
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Controller, V.-Adm. Sir W. H. Stewart,
Dir. of Ordnance, R.-Adm. H. Boys, R.N.
Account.-Gen., R. G. C. Hamilton.
Dir. of Transports, Vice-Adm. Sir W. R. Mends, K.C.B.
Dir.-Gen. of Med. Dep., Sir Alexander Armstrong, K.C.B., LL.D., F.R.S.
Dir. of Engineer., Col. C. Pasley, R.E.
Astr. Rl., Sir G. B. Airy, K.C.B., M.A.

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Dep. Adj.-Gen., Col. Rodney, C.B.

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Reg. Gen. of Seamen—Reg., R. Jackson.

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Chief Commiss., Rt. Hn. G. J. Noel, M.P.
Sec., A. B. Mitford—*Asst.*, R. J. Callander.

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Attorney-General, H. W. West, Q.C.

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Compt. & Auditor-Gen., Sir W. Dunbar, Bt.
Assist.-Comptr., C. L. Ryan.
Solicitor, F. Walford.

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Commissioners, Hon. C. A. Gore and Hon. J. K. Howard.

THE MINT.

Master, Chancellor of Exchequer.
Deputy and Comptr., Hn. C. W. Fremantle.

CIVIL SERVICE COMMISSION.

First Com., Rt. Hn. Ld. Hampton, G.C.B.
Commissioners—Sir G. W. Dasent, D.C.L. T. Walrond, C.B.—*Sec.*, H. Mann.

CHARITY COMMISSION.

Commissioners—Ld. G. Hamilton, M.P. (unpaid), Rt. Hn. Sir W. R. S. V. Fitzgerald, G.C.S.I. (*Chief Comm.*), F. O. Martin, H. Longley, Lord Clinton, and Rev. H. G. Robinson, M.A.—*Secs.*, H. M. Vane and D. C. Richmond.

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Keeper—The Master of the Rolls.
Deputy Keeper, W. Hardy.
Secretary, J. Edwards.

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Reg.-Gen., G. Graham—*Sec.*, J. T. Hammick—*Senior Sup.*, Dr. Farr, F.R.S.—*Reg.-Gen. for Scotland*, W. Pitt Dundas, C.B.—*Reg.-Gen. for Ireland*, Dr. Burke.

COMM. FOR ABOLITION OF ARMY PURCHASE.

Gen. Rt. Hon. Sir E. Lugard, G.C.B., Dep.-Judge Adv.-Gen. J. C. O'Dowd, and Lt.-Gen. Henry Bates.

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Chairman, Col. Sir J. McGarel Hogg, Bt., K.C.B., M.P.—*Clerk*, J. E. Wakefield.
Engineer, Sir J. W. Bazalgette, C.B.

THE HOUSE OF PEERS.

*** The titles here given are those by which the noblemen sit in the House of Peers.
Speaker, The Lord High Chancellor.—*Chairman of Comm.* Earl of Redesdale.
* Marked thus are Scotch Peers. *a* Marked thus are Scotch Representative Peers.
o ——————Irish Peers. *b* ——————Irish Representative Peers.

PRINCES OF THE BLOOD ROYAL.

Wales, Albert Edward, Prince of, 1841,*
Edinburgh, Al. Ernest Albert, Duke of, 1866
Connaught and Strathearn, Arthur W.P.A., Duke of, 1874 [1801
Cambridge, Duke of, Geo. W. F. C., Chas.,
Cumberland, Duke of, Ernest A., 1799, *o*

ARCHBISHOPS.

Canterbury, A. C. Tait, 1868
York, Wm. Thomson, 1863

DUKES

Beaufort, Henry C. F. Somerset, 1682
Bedford, Francis C. H. Russell, 1694
Brandon, William A. L. S. Hamilton, 1711 (Hamilton-Douglas, D.*)
Buckingham and Chandos, Rich. P. C. N. T. B. C. Grenville, 1822,* *o*
Cleveland, Harry George Powlett, 1833
Devonshire, Wm. Cavendish, 1694
Grafton, Wm. Henry Fitzroy, 1675
Leeds, Geo. Godolphin Osborne, 1694,*
Manchester, Wm. Drogo Montagu, 1719
Marlborough, J. W. Spencer Churchill, 1702
Newcastle, H P. Alex. Pelham Clinton, 1756
Norfolk, Henry Fitz-Alan-Howard, 1483

Northumberland, A. George Percy, 1766
Portland, W. John C. Bentinck Scott, 1716
Richmond & Gordon, C. H. G. Lennox,
Rutland, C. C. J. Manners, 1703 [1675,*
St. Albans, W. A. A. de Vere Beauclerk, 1683
Somerset, Edw. Adolph. Seymour, 1546
Sutherland, G. G. W. S. Leveson Gower, 1833*
Wellington, Arthur R. Wellesley, 1814, *o*
Westminster, Hugh Lupus Grosvenor, 1874

MARQUESSES.

Abercorn, James Hamilton, 1790,**o*
Abergavenny, Wm. Nevill, 1876
Ailesbury, E. A. C. Brudenell-Bruce, 1821
Ailsa, Archibald Kennedy, 1831
Anglesey, Hy. Wm. George Paget, 1815
Bath, John Alex. Thynne, 1789
Bristol, Fred. William John Hervey, 1826
Bute, John P. Crichton Stuart, 1796,*
Camden, John Chas. Pratt, 1812
Cholmondeley, W. H. H. Chomondeley,
Exeter, Wm. Alleyne Cecil, 1801 [1815, *o*
Hertford, F. H. G. Seymour, 1793, *o*
Lansdowne, Henry Chas. Keith Petty Fitzmaurice, 1784, *o* [1838, *o*
Normanby, G. A. Constantine H. Phipps,
Northampton, W. Douglas Compton, 1812
Queensberry, J. S. Douglas, 1869, *a*
Ripon, G. F. S. Robinson, 1871
Salisbury, R. A. T. Gascoigne-Cecil, 1789
Townshend, John V. S. Townshend, 1786
Winchester, John Paulet, 1551

EARLS.

Abingdon, Montagu Bertie, 1682
Airlie and Lintrathen, D. G. D. Ogilvy,
Albemarle, G. T. Keppel, 1696 [1639, *a*
Amherst, William Pitt Amherst, 1826
Annesley, Hugh Annesley, 1789, *b*.
Ashburnham, Bertram Ashburnham, 1730
Aylesford, Heneage Finch, 1714
Bantry, W. H. H. Hedges-White, 1816, *b*
Bathurst, Allen A. Bathurst, 1776
Beaconsfield, Benj. Disraeli, 1876
Beauchamp, Frederick Lygon, 1815
Belmore, S. R. Lowry-Corry, 1797, *b*
Berkeley, T. M. F. Berkeley, 1679 (title not claimed)
Bradford, Orlando G. C. Bridgeman, 1815
Brownlow, Adelbert Wellington Cust, 1815
Buckinghamshire, Rev. Aug. Edw. Hobart Hampden, 1746
Cadogan, George Henry Cadogan, 1800
Cairns, Hugh McCalmont Cairns, 1878
Caledon, James Alexander, 1800, *b* [1831
Camperdown, R. Adam Philips Haldane,
Carlisle, Rev. Wm. Geo. Howard, 1661
Carnarvon, H. H. Molyneux Herbert, 1793
Cathcart, Alan Frederic Cathcart, 1814,*
Cawdor, John Fred. V. Campbell, 1827
Chesterfield, G. P. Stanhope, 1628
Chichester, Henry Thomas Pelham, 1801
Clarendon, Edward Hyde Villiers, 1776
Clonmell, J. H. R. Scott, 1793, *b*
Cottenham, Wm. John Pepys, 1850
Coventry, George Wm. Coventry, 1697
Cowley, Hen. Rich. C. Wellesley, 1857
Cowper, Fras. T. de Grey Cowper, 1718,*
Craven, George Grimston Craven, 1801
Dartmouth, William Walter Legge, 1711
Dartrey, Richard Dawson, 1866, *o*
Delawarr, Reginald Windsor Sackville, 1761
Denbigh, Rudolph W. B. Feilding, 1622, *o*
Derby, Edward Smith Stanley, 1485
Devon, William R. Courtenay, 1553
Doncaster, Walter F. M. Douglas-Scott, 1662 (Buccleuch and Queensberry, D.*)
Ducie, Hen. John Reynolds Moreton, 1837
Dudley, William Ward, 1860
Dufferin, F. Temple Blackwood, 1871, *o*
Durham, G. F. D'Arcy Lambton, 1833
Effingham, Henry Howard, 1837
Eldon, John Scott, 1821
Ellesmere, Fras. C. Granville Egerton, 1846
Erne, John Crichton, 1789, *b* (Lord Fermanagh)
Essex, Arthur Algernon Capel, 1661
Ferrers, Sewallis Edw. Shirley, 1711
Feversham, Wm. Ernest Duncombe, 1868
Fitzwilliam, Wm. Thos. Spencer Wentworth Fitzwilliam, 1746, *o*
Fortescue, Hugh Fortescue, 1789
Gainsborough, Charles George Noel, 1841
Graham, D. B. M. R. Graham, 1722 (Montrose, D.*)
Granville, G. G. Leveson-Gower, 1833
Grey, Henry Grey, 1806
Guilford, Dudley Fras. North, 1752
Haddington, George Baillie Arden-Hamilton, 1619, *a*
Hardwicke, Charles Philip Yorke, 1754
Harewood, Henry Thynne Lascelles, 1812
Harrington, Ch. Wyndham Stanhope, 1742
Harrowby, Dudley Ryder, 1809
Hillsborough, Arthur Wills, J. W. B. T. Hill, 1772 (Downshire, M. *o*)
Howe, R. W. P., Curzon-Howe, 1821
Huntingdon, F. P. P. Hastings, 1529
Ilchester, Henry E. Fox-Strangways, 1756
Innes, J. H. R. I. Ker, 1837 (Roxburghe, D.*)
Jersey, V. Albert G. Child-Villiers, 1697, *o*
Kimberley, J. Wodehouse, 1866 [1756, *b*
Lanesborough, J. V. D. Danvers-Butler
Leicester, T. W. Coke, 1837
Lichfield, Thomas George Anson, 1831
Lindsey, Montagu P. Bertie, 1626
Lonsdale, St. George H. Lowther, 1807
Lovelace, William King-Noel, 1838
Lucan, Geo. Chas. Bingham, 1795, *b*
Macclesfield, T. A. W. Parker, 1721
Malmesbury, James Howard Harris, 1800
Mansfield, Wm. David Murray, 1776,*
Manvers, Sydney W. H. Pierrepont, 1806
Mar and Kellie, W. H. Erskine, 1565, *a*
Minto, W. Hugh E. M. Kynynmound, 1813
Morley, Albert Edmund Parker, 1815
Morton, Sholto J. Watson-Douglas, 1458, *a*
Mountcashel, Stephen Moore, 1781, *b*
Mount Edgcumbe, W. H. Edgcumbe, 1789
Munster, Wm. George Fitz-Clarence, 1831
Nelson, Horatio Nelson, 1805
Northbrook, Thos. G. Baring, 1876
Onslow, William Hillier Onslow, 1801
Orford, Horatio Walpole, 1806
Pembroke and Montgomery, Geo. Robt. Chas. Herbert, 1551 [1785, *b*
Portarlington, H. J. R. Dawson-Damer,
Portsmouth, Isaac Newton Wallop, 1743
Poulett, Wm. Henry Poulett, 1706
Powis, Edw. James Herbert, 1804, *o*
Radnor, Jacob Pleydell-Bouverie, 1765
Ravensworth, Henry Thos. Liddell, 1874
Redesdale, John T. F. Mitford, 1876
Romney, Charles Marsham, 1801
Rosse, Lawrence Parsons, 1806, *b*
Rosslyn, F. Robert St. Clair Erskine, 1801

Russell, John F. S. Russell, 1861 [1815
Saint Germans, W. G. Cornwallis Eliot,
Sandwich, John William Montagu, 1660
Scarbrough, R. G. Lumley, 1690, *o*
Selkirk, Dunbar James Douglas, 1646, *a*
Shaftesbury, Anthony Ashley Cooper, 1672
Shrewsbury and Talbot, 1442 and 1784, Charles Chetwynd-Talbot, *o*
Somers, Charles S. Somers-Cocks, 1821
Spencer, John Poyntz Spencer, 1765
Stamford and Warrington G. H. Grey, 1628
Stanhope, Arthur Philip Stanhope, 1718
Stradbroke, J. E. Cornwallis Rous, 1821
Strafford, Geo. Stevens Byng, 1847 [D.*)
Strange, J. J. H. H. S. Murray, 1786 (Athole,
Strathmore and Kinghorn, C. Bowes-Lyon, 1672, *a*
Suffolk and Berkshire, H. C. Howard, 1603
Sydney, John R. Townshend, 1874
Tankerville, Charles Bennett, 1714
Vane, G. H. R. C. Vane-Tempest, 1823 (Londonderry, M. *o*)
Verulam, James Walter Grimston, 1815,* *o*
Waldegrave, Wm. Fred. Waldegrave, 1729
Warwick and Brooke, G. Guy Greville, 1759 and 1746
Westmoreland, Fras. W. Henry Fane, 1624
Wharncliffe, E. M. S. Stuart-Wortley-Mackenzie, 1876
Wicklow, C. F. A. Howard, 1793, *b*
Wilton, Thos. Egerton, 1801
Winchilsea and Nottingham, Geo. James Finch-Hatton, 1628 [(Eglintoun, E.*)
Winton, Arch. Wm. Montgomerie, 1859
Yarborough, C. A. W. Anderson-Pelham,
Zetland, Lawrence Dundas, 1838 [1837

VISCOUNTS.

Bangor, Edw. Ward, 1781, *b*.
Bolingbroke, H. St. John, 1712
Bridport, A. N. Hood, 1868, *o*
Canterbury, H. C. Manners-Sutton, 1835
Cardwell, Edward Cardwell, 1874
Clancarty, R. S. Le Poer-Trench, 1823 (Clancarty, E. *o*) [Cotton, 1826
Combermere, Wellington H. Stapleton-
Cranbrook, G. Gathorne Hardy, 1878
Doneraile, Hayes St. Leger, 1785, *b*
Eversley, C. Shaw-Lefevre, 1857 [1816
Exmouth, Edward Fleetwood J. Pellew,
Falmouth, Evelyn Boscawen, 1720
Gordon, John C. Hamilton-Gordon, 1814 (Aberdeen, E.*)
Gough, George Stephens Gough, 1849
Halifax, Charles Wood, 1866
Hardinge, Chas. Stewart Hardinge, 1846
Hawarden, Cornwallis Maude, 1791, *b*
Hereford, Robert Devereux, 1550
Hill, Rowland C. Clegg-Hill, 1842
Hood, Francis Wheler Hood, 1796, *o*
Hutchinson, John L. G. Hely-Hutchinson, 1821 (Donoughmore, E. *o*) [ster, D.)
Leinster, C. W. Fitzgerald, 1747, *o* (Lein-
Lifford, James Hewitt, 1781, *b*
Melville, Robert Dundas, 1802
Portman, Edwd. Berkeley Portman, 1873
Powerscourt, Mervyn Wingfield, 1743, *b*
St. Vincent, Carnegie R. J. Jervis, 1801
Sidmouth, Wm. Wells Addington, 1805
Stratford de Redcliffe, S. Canning, 1852
Strathallan, W. H. Drummond, 1686, *a*
Templetown, Geo. Fred. Upton, 1806, *b*
Torrington, George Byng, 1721

BISHOPS.

Bangor, J. C. Campbell, 1859
Bath and Wells, Lord A. C. Hervey, 1869
Carlisle, Harvey Goodwin, 1869
Chester, Wm. Jacobson, 1865
Chichester, Rich. Durnford, 1870
Durham, Charles Baring, 1861
Ely, J. R. Woodford, 1873
Exeter, Fred. Temple, 1869
Gloucester and Bristol, C. J. Ellicott, 1863
Hereford. James Atlay, 1868
Lincoln, Christ. Wordsworth, 1869
Llandaff, A. Ollivant, 1849
London, John Jackson, 1869
Manchester, James Fraser, 1870
Norwich, Hon. J. T. Pelham, 1857
Oxford, J. Fielder Mackarness, 1870
Peterborough, Wm. C. Magee, 1868
Ripon, Robert Bickersteth, 1857
St. Alban's, Thos. L. Claughton, 1877
St. Asaph, J. Hughes, 1870
St. David's, W. B. T. Jones, 1874
Salisbury, George Moberly, 1869
Winchester, Edw. Harold Browne, 1873
Worcester, Henry Philpott, 1861

BARONS.

Abercromby, G. Ralph Abercromby, 1801
Aberdare, Henry Austin Bruce, 1873
Abinger, Wm. Fred. Scarlett, 1835
Acton, Jn. E. E. Dalberg-Acton, 1869
Airey, Richard Airey, 1876
Alington, H. G. Sturt, 1876
Annaly, Luke G. White, 1863
Arundell of Wardour, J. F. Arundell, 1605
Ashburton, Alexander Hugh Baring, 1835
Ashford, Wm. C. Keppel, 1696
Auckland, William George Eden, 1793, *o*
Aveland, G. H. Heathcote-Drummond-Willoughby, 1856
Bagot, William Bagot, 1780
Balfour of Burleigh, A. H. Bruce, 1608 *a*
Balinhard, J. Carnegie, 1869 (Southesk, E.*)
Barrogill, J. Sinclair, 1866 (Caithness, E.*)
Bateman, W. B. Bateman-Hanbury, 1837
Beaumont, Henry Stapleton, 1309
Belper, Edw. Strutt, 1856
Berwick, William Noel-Hill, 1784
Blachford, Frederick Rogers, 1871
Blackburn, Colin Blackburn, 1876
Blantyre, Charles Stuart, 1606, *a*
Bloomfield, J. A. D. Bloomfield, 1871, *o*
Bolton, William H. Orde-Powlett, 1797
Boston, Geo. Florance. Irby, 1761
Botreaux, C. E. H. A. Abney-Hastings, 1368 (Loudoun, E.*) [(Cork and Orrery, E. *o*)
Boyle, R. Edm. St. Lawrence Boyle, 1711
Brancepeth, G. R. Hamilton-Russell, 1866, (Boyne, V. *o*)
Braybrooke, Chas. Cornwallis Neville, 1788
Breadalbane, Gavin Campbell, 1873, (Breadalbane, E.*)
Brodrick, W. Brodrick, 1796 (Midleton, V. *o*)
Brougham and Vaux, W. Brougham, 1860
Byron, George Fred. William Byron, 1643
Calthorpe, F. H. W. Gough Calthorpe, 1796
Camoys, Thos. Stonor, 1384
Carew, Robert Shapland Carew, 1838, *o*
Carington, Chas. Robert Carington, 1797, *o*
Carleton, H. B. Boyle, 1786 (Shannon, E. *o*)
Carlingford, C. S. P. Fortescue, 1874
Carysfort, W. Proby, 1801 (Carysfort, E. *o*)
Castlemaine, Richard Hancock, 1812, *b*

Castletown, Jn. W. FitzPatrick, 1869
Charlemont, Js. Molyneux Caulfeild, 1837 (Charlemont, E. *o*)
Chaworth, W. Brabazon, 1831 (Meath, E. *o*)
Chelmsford, Fred. Aug. Thesiger, 1858
Chesham, Wm. George Cavendish, 1858
Churchill, Francis George Spencer, 1815
Churston, J. Yarde-Buller, 1858
Clanbrassil, R. Jocelyn, 1821 (Roden, E. *o*)
Clanwilliam, Richard Meade, 1828 (Clanwilliam, E. *o*)
Clements, Robert B., 1831 (Leitrim, E. *o*)
Clermont, Thomas Fortescue, 1866, *o*
Clifford of Chudleigh, C. Hugh Clifford, 1672
Clifton, John S. Bligh, 1608 (Darnley, E. *o*)
Clinton, Chas. H. Rolle H. S. F. Trefusis, 1298
Clonbrock, Robert Dillon, 1790, *b*
Cloncurry, Valentine F. Lawless, 1831, *o*
Colchester, Reginald Chas. E. Abbot, 1817
Coleridge, John Duke Coleridge, 1874
Colville of Culross, C. J. Colville, 1609, *a*
Congleton, John Vesey Parnell, 1841
Conyers, Sackville G. Lane-Fox, 1509
Cottesloe, T. F. Fremantle, 1874
Crewe, Hungerford Crewe, 1806
Crofton, E. H. Churchill, 1797, *b*
Dacre, Thos. C. W. Trevor, 1307
De Clifford, E. S. Russell, 1299
De Freyne, Charles French, 1851
Delamere, Hugh Cholmondeley, 1821
De L'Isle and Dudley, P. Sidney, 1835
De Mauley, C. F. A. C. Ponsonby, 1838
Denman, Thomas A. Denman, 1834
De Ros, D. C. Fitzgerald de Ros, 1264
De Saumarez, John St. V. Saumarez, 1831
De Tabley, George Warren, 1826
Digby, Edw. Vincent Digby, 1765, *o*
Dorchester, Dudley W. Carleton, 1786
Dormer, John B. J. Dormer, 1615
Douglas, C. A. Home, 1875 (Home, E.*)
Dunboyne, T. Fitzwalter Butler, 1541, *b*
Dunmore, Chas. Adolphus Murray, 1831, *
Dunning, John Rollo, 1869* (Rollo, L.*)
Dunsandle and Clan-conal, D. St. George Daly, 1845, *b*
Dunsany, Edward Plunkett, 1461, *b*
Dynevor, A. de Cardonnel Rice, 1780
Ebury, Robert Grosvenor, 1857
Egerton of Tatton, W. T. Egerton, 1859
Elgin, V. A. Bruce, 1849 (Elgin & Kincardine, E.*)
Ellenborough, C. E. Towry Law, 1802
Elphinstone, W. B. F. Elphinstone, 1509, *a*
Emly, W. Monsell, 1874
Erskine, John Cadwallader A. Erskine, 1806
Ettrick, Francis Napier, 1872 * [E. *o*) *b*.
Fermanagh, J. Crichton, 1876 (Erne
Fingall, A. J. Plunket, 1831 (Fingall, E. *o*)
Fisherwick, Geo. Hamilton Chichester, 1790 (Donegall, M. *o*)
Fitzhardinge, Francis Wm. Fitzhardinge Berkeley, 1861
Foley, Henry Thomas, 1776
Forbes, Horace C. Forbes, 1442, *a*
Forester, G. C. W. Weld Forester, 1821 [E. *o*)
Foxford, W. H. J. C. Pery, 1815 (Limerick,
Gage, Henry Chas. Gage, 1790 (Gage, V. *o*)
Gardner, Alan Legge Gardner, 1806, *o*
Gerard, R. T. Gerard, 1876
Gifford, E. F. Gifford, 1824
Gordon, E. S. Gordon, 1876 [manston, V. *o*)
Gormanston, J. W. J. Preston, 1868 (Gor-
Granard, G. A. H. Forbes 1806 (Granard, E. *o*)
Grantley, J. R. B. Norton, 1782
Greville, Fulke S. Greville-Nugent, 1869
Grey de Radcliffe, A. E. H. G. Egerton, 1875
Grinstead, W. W. Cole, 1815 (Enniskillen,
Gwydyr, P. R. Burrell, 1796 [E. *o*)
Hammond, Edmund Hammond, 1874
Hampton, J. S. Pakington, 1874
Hanmer, John Hanmer, 1872
Hare, Wm. Hare, 1869 (Listowel, E. *o*)
Harlech, W. R. Ormsby-Gore, 1876
Harris, Geo. R. Canning Harris, 1815
Hartismere, John M. Henniker-Major, 1866 (Henniker, L. *o*)
Hastings, Geo. M. Delaval-Astley, 1290
Hatherley, Wm. Page Wood, 1868
Hatherton, E. R. Littleton, 1835
Hawke, Rev. Edw. Hy. Julius, 1776 [E.*)
Hay, G. Drummond-Hay, 1711 (Kinnoull,
Heytesbury, W. H. A. A'Court Holmes, 1828
Hopetoun and Niddry, John Adrian Louis Hope, 1809 (Hopetoun, E. *)
Houghton, R. Monckton Milnes, 1863
Howard de Walden and Seaford, Frederic Geo. Ellis, 1597 [Howard, 1869
Howard of Glossop, E. G. Fitz-Alan
Hunsdon, Lucius Cary, 1832 (Falkland, V.*)
Hylton, Hedworth Hylton Jolliffe, 1866
Inchiquin, E. D. O'Brien, 1536, *b*
Keane, E. A. Wellington Keane, 1839
Kenlis, T. Taylour, 1831 (Headfort, M. *o*)
Kenmare, V. A. Browne, 1856 (Kenmare, E. *o*)
Kenry, W. T. Wyndham-Quin, 1866 (Dunraven and Mount-Earl, E. *o*)
Kenyon, Lloyd Kenyon, 1788
Ker, S. Hy. Kerr, 1821 (Lothian, M.*)
Kesteven, John Henry Trollope, 1868
Kilmarnock, W. H. Hay, 1831 (Errol, E.*)
Kintore, F. A. Keith-Falconer, 1838 (Kin-
Lanerton, E. G. G. Howard, 1874 [tore, E.*)
Lawrence, Jn. Laird Mair Lawrence, 1869
Leconfield, Henry Wyndham, 1859
Leigh, W. H. Leigh, 1839
Lilford, Thomas Lyttleton Powys, 1797
Lismore, Geo. P. O'Callaghan, 1838 (Lismore, V. *o*)
Loftus, J. H. W. G. Loftus, 1801 (Ely, M. *o*)
Londesborough, W. H. F. Denison, 1850
Lovat, S. Fraser, 1837,* [(Egmont, E. *o*)
Lovell and Holland, C. G. Perceval, 1762
Lurgan, Charles Brownlow, 1839
Lyons, Rich. B. P. Lyons, 1856
Lyttelton, C. G. Lyttelton, 1794, *o*
Lytton, E. R. L. Bulwer-Lytton, 1866
Lyveden, Fitz-Patrick Henry Vernon, 1859
Manners, John Manners-Sutton, 1807
Massy, J. T. W. Massy, 1776, *b*
Meldrum, C. Gordon, 1815 (Huntly, M. *)
Mendip and Dover, Henry George Agar Ellis, 1794 (Clifden, V. *o*) [lumney, L. *o*)
Meredyth, J. H. Somerville, 1866 (Ath-
Methuen, Fred. H. Paul Methuen, 1838
Middleton, Digby W. B. Willoughby, 1711
Minster, George Henry Conyngham, 1821 (Conyngham, M. *o*)
Monck, Chas. Stanley, 1866 (Monck, V. *o*)
Moncreiff, James Moncreiff, 1874
Monson, William John Monson, 1728
Mont Eagle, G. J. Browne, 1806 (Sligo, M. *o*)
Monteagle of Brandon T. Spring-Rice, 1839
Moore, H. F. S. Moore, 1801 (Drogheda, M. *o*)
Mostyn, Edward M. Lloyd-Mostyn, 1831

Mowbray, Alfred J. Stourton, 1264
Napier of Magdala, R. C. Napier, 1868
Northwick, George Rushout, 1797
Norton, C. B. Adderley, 1878
O'Hagan, Thos. O'Hagan, 1870
O'Neill, Rev. Wm. O'Neill, 1868 [1836, *b*.
Oranmore & Browne, G. D. A. F. Guthrie,
Oriel, C. J. Eyre Skeffington, 1821 (Massereene and Ferrard, V. *o*)
Ormathwaite, John Benn-Walsh, 1868
Ormonde, J. E. W. T. Butler, 1821 (Ormonde, M. *o*)
Overstone, S. Jones Loyd, 1850 [E.*)
Oxenfoord, J. H. Dalrymple, 1841 (Stair,
Penrhyn, E. G. Douglas-Pennant, 1866
Penzance, Jas. Plaisted Wilde, 1869
Petre, Wm Barnard Petre, 1603 [1827
Plunket, Rt. Rev. W. Conyngham Plunket,
Poltimore, A. F. G. W. Bampfylde, 1831
Ponsonby, John Geo. Brabazon Ponsonby, 1749 (Bessborough, E. *o*)
Raglan, R. H. F. Somerset, 1852 [E.*)
Ramsay, George Ramsay, 1874 (Dalhousie,
Ranfurly, Uchter John Mark Knox, 1826 (Ranfurly, E. *o*)
Rayleigh, John William Strutt, 1821
Ribblesdale, Thomas Lister, 1797
Rivers, Horace Pitt-Rivers, 1802
Robartes, Thos. Jas. Agar-Robartes, 1869
Rodney, G. B. H. Dennett Rodney, 1782
Romilly, W. Romilly, 1865 [E.*)
Rosebery, A. P. Primrose, 1828 (Rosebery,
Ross, Geo. Fred. Boyle, 1815 (Glasgow, E.*)
Rossie, G. W. Fox Kinnaird (Kinnaird, L. 1860 *)
Rossmore, D. W. W. Westenra, 1838, *o*
Sackville, Mortimer Sackville-West, 1876
St. John, St. Andrew St. John, 1558
St. Leonards, Rev. Frank Sugden, 1852
Saltersford, Jas. G. H. S., 1796 (Courtown,
Saltoun, Alex. Fraser, 1445, *a* [E. *o*)
Sandhurst, William Mansfield, 1871
Sandys, Aug. Fred. Arthur Sandys, 1802
Saye and Sele, Ven. F. Twisleton-Wykeham-Fiennes, 1603 [1761
Scarsdale, Rev. A. Nathaniel H. Curzon,
Seaton, James Colborne, 1839
Sefton, W. P. Molyneux, 1831 (Sefton, E. *o*)
Selborne, Roundell Palmer, 1872 [field, E *o*)
Sheffield, H. North Holroyd, 1802 (Shef-
Sherborne, J. H. Legge Dutton, 1784
Silchester, Wm. Lygon Pakenham, 1821 (Longford, E. *o*)
Sinclair, James St. Clair, 1489, *a*
Skelmersdale, E. Bootle Wilbraham, 1828
Skene, James Duff, 1857 (Fife, E. *o*)
Somerhill, H. de Burgh-Canning, 1826 (Clanricarde, M. *o*) [(Normanton, E. *o*)
Somerton, J. C. H. W. Ellis-Agar, 1873
Sondes, George W. Milles, 1760
Southampton, Charles Henry Fitzroy, 1780
Stafford, H. V. Stafford-Jerningham, 1640
Stanley of Alderley and Eddisburg, H. E. J. Stanley, 1839 [(Galloway, E.*)
Stewart of Garlies, Alan P. Stewart, 1796
Strafford, G. H. C. Byng, 1874
Stratheden and Campbell, William F. Campbell, 1836 and 1841
Strathnairn, H. H. Rose, 1866 [field, E.*)
Strathspey, J. C. Grant-Ogilvy, 1858 (Sea-
Stuart, Geo. Stuart, 1796 (Moray E.*)
Sudeley, Chas. D. R. Hanbury-Tracy, 1838
Suffield, Charles Harbord, 1786
Sundridge and Hamilton, George Douglas G. Campbell, 1766 and 1776 (Argyll, D.*)
Talbot de Malahide, James Talbot, 1856, *o*
Templemore, H. Spencer Chichester, 1831
Tenterden, Chas. S. Aubrey Abbott, 1827
Teynham, G. H Roper-Curzon, 1616
Thurlow, T. J. Hovell-Thurlow Cumming-Bruce, 1792
Tollemache, J. Tollemache, 1876
Tredegar, Godfrey Charles Morgan, 1859
Truro, C. R. C. Wilde, 1850
Tyrone, John Henry de la Poer Beresford, 1786 (Waterford, M. *o*)
Vaux of Harrowden, Geo. B. Mostyn, 1523
Ventry, D. B. de Moleyns, 1800, *b*
Vernon, Augus H. Venables-Vernon, 1762
Vivian, C. Crespigny Vivian, 1841
Walsingham, Thomas De Grey, 1780
Waveney, R. A. S. Adair, 1873
Wemyss, Fras. Wemyss-Charteris-Douglas, 1821 (Wemyss, E.*)
Wenlock, Beilby Richard Lawley, 1839
Wentworth, R. G. Noel Milbanke, 1529
Westbury, R. Luttrell P. Bethell, 1861
Wigan, A. W. C. Lindsay, 1826 (Crawford and Balcarres, E.*)
Willoughby de Broke, Henry Verney, 1492
Windsor, R. G. Windsor-Clive, 1529
Winmarleigh. J. W. Patten, 1874
Wolverton, George Grenfell Glyn, 1869
Worlingham, Archibald B. S. Acheson, 1835 (Gosford, E. *o*.)
Wrottesley, Arthur Wrottesley, 1838
Wynford, W. Draper Mortimer Best, 1829
Zouche, R. N. C. G. Curzon, 1308

SUMMARY OF THE HOUSE OF PEERS.

Princes of Blood Royal	5	Viscounts	25	Peers of Ireland (life)	28
Archbishops	2	Bishops	24	Peers of Scotland (each Parl.) (one vacancy)	16
Dukes	21	Barons (excl. of L. Fermanagh, who is also an Irish Repr. Peer	247	Total	502
Marquesses	19				
Earls	115				

PEERESSES OF THE UNITED KINGDOM.

Berners, *Baroness*, 1445, Tyrrwhit
Burdett-Coutts, *Baroness*, 1871, Coutts
Cromartie, *Countess*, 1861, Leveson-Gower
Le Despencer, *Baroness*, 1269, Boscawen
Lucas, *Baroness*, 1663, Cowper
North, *Baroness*, 1554, North
Willoughby-D'Eresby, *Baroness*, 1313, Heathcote-Drummond

*** To obviate the difficulty of finding the names of those Scotch and Irish Peers who sit in Parliament under different Titles, but who are not commonly addressed by them, we subjoin the following List of them; as also of English Peers who have a higher title by courtesy.

Aberdeen, E. (see Gordon, V.)	Athole, D. (see Strange)	Caithness, E. (see Barrogill)
Argyll D. (see Sundridge and Hamilton)	Bessborough, E. (see Ponsonby)	Clanricarde, M. (see Somerhill)
Athlumney, B. (see Meredith)	Boyne, V. (see Brancepeth)	Cliffden, V. (see Mendip)
	Buccleuch, D. (see Doncaster)	Conyngham, M. (see Minster)

Cork, E. (see Boyle)
Courtown, E. (see Saltersford)
Crawford and Balcarres E. (see Wigan, L.)
Dalhousie, E. (see Ramsay)
Darnley, E. (see Clifton)
Donegal, M. (see Fisherwick)
Donoughmore, E. (see Hutchinson)
Downshire, M. (see Hillsborough)
Drogheda, M. (see Moore)
Dunraven, E. (see Kenry)
Eglintoun, E. (see Winton)
Egmont, E. (see Lovel)
Ely, M. (see Loftus)
Enniskillen, E. (see Grinstead)
Errol, E. (see Kilmarnock)
Falkland, V. (see Hunsdon)
Fife, E. (see Skene)
Galloway, E. (see Stewart of Garlies)
Glasgow, E. (see Ross)
Gosford, E. (see Worlingham)
Hamilton, D. (see Brandon)
Headfort, M. (see Kenlis)
Henniker, B. (see Hartismere)
Home, E. (see Douglas)
Huntly, M. (see Meldrum)
Kinnaird, B. (see Rossie)
Kinnoull, E. (see Hay)
Leitrim, E. (see Clements)
Limerick, E. (see Foxford)
Listowel, E. (see Hare)
Londonderry, M. (see Vane)
Longford, E. (see Silchester)
Lothian, M. (see Ker)
Loudoun, E. (see Botreaux)
Massereene, V. (see Oriel)
Meath, E. (see Chaworth)
Midleton, V. (see Brodrick)
Montrose, D. (see Graham)
Moray, E. (see Stuart of Castle Stuart)
Napier, B. (see Ettrick)
Normanton, E. (see Somerton)
Roden, E. (see Clanbrassill)
Rollo, B. (see Dunning, B.)
Roxburgh, D. (see Innes .E.)
Seafield, E. (see Strathspey, B.)
Shannon, E. (see Carleton)
Sligo, M. (see Monteagle)
Southesk, E. (see Balinhard)
Stair, E. (see Oxenfoord)
Waterford, M. (see Tyrone)
Westcote, B. (see Lyttelton)

OFFICERS OF THE HOUSE OF PEERS.

Chairman of Committees, Earl of Redesdale; *Clerk of the Parliaments*, Sir William Rose, K.C.B.; *Deputy Clerk of the Parliaments and Clerk Assistant*, Ralph Disraeli: *Reading Clerk, and Clerk of Private Committees*, Hon. S. Bethell; *Counsel to the Chairman of Committees*, J. H. Warner.; *Examiners for Standing Orders*, Chas. Frere, and J. H. Robinson; *Chief Clerk*, E. M. Parratt; *Principal Clerk (Private Bill Office)*, B. S. R. Adam; *Principal Clerk (Judicial Office)*, A. W. Dubourg; *Clerk of the Journals*, L. Birch; *Clerk at the Table*, A. Pechell; *Gentleman Usher of the Black Rod*, Gen. Rt. Hon. Sir W. T. Knollys, K.C.B., *Yeoman Usher*, Col. R. C. S. Clifford; *Sergeant-at-Arms*, Lt.-Col. Hon. W. P. M. C. Talbot, *Dep.*, G. Wallace Goodbody; *Receiver of Fees*, W. A. Malony; *Librarian*, J. H. Pulman, F.S.A.; *Deputy-Librarian*, W. J. Thoms, F.S.A.

THE HOUSE OF COMMONS.

Twenty-first Parliament of the United Kingdom, and ninth of Queen Victoria.
Speaker—The Right Hon. H. B. W. Brand.—*Chairman of Committees and Deputy-Speaker*—H. Cecil Raikes.

ENGLAND AND WALES.

1 *Abingdon*, J. C. Clarke
2 *Andover*, Capt. H. Wellesley
3 *Angleseyshire*, Rich. Davies
4 *Ashton-under-Lyne*, Thos. W. Mellor
5 *Aylesbury*, Sir N. M. de Rothschild, Bart., S. G. Smith
6 *Banbury*, Bernhard Samuelson
7 *Barnstaple*, T. Cave, S. D. Waddy
8 *Bath*, Capt. A. D. Hayter, Major N. G. P. Bousfield
9 *Beaumaris*, Morgan Lloyd
10 *Bedford*, S. Whitbread, Capt. F. C. Polhill-Turner
11 *Bedfordshire*, Sir R. T. Gilpin, Bart., Marquis of Tavistock
12 *Berkshire*, Lieut.-Col. R. J. Loyd Lindsay, John Walter, P. Wroughton
13 *Berwick*, Sir D. C. Marjoribanks, Bart., Capt. D. M. Home
14 *Bewdley*, Chas. Harrison
15 *Birkenhead*, D. MacIver
16 *Birmingham*, Rt. Hon. John Bright, Ph. Hy. Muntz, J. Chamberlain
17 *Blackburn*, W. E. Briggs, D. Thwaites
18 *Bodmin*, Hon. E. F. Leveson-Gower
19 *Bolton*, J. Hick, J. K. Cross
20 *Boston*, W. J. Ingram, T. Garfit
21 *Bradford*, Rt. Hon. W. E. Forster, H. W. Ripley
22 *Brecknock*, Jas. P. W. Gwynne Holford
23 *Brecknockshire*, W. Fuller Maitland, Jr.
24 *Bridgnorth*, Wm. Hy. Foster
25 *Bridport*, Pandeli Ralli [C. Shute
26 *Brighton*, J. L. Ashbury, Maj.-Gen. C.
27 *Bristol*, K D. Hodgson, S. Morley
28 *Buckingham*, Egerton Hubbard
29 *Buckinghamshire*, Sir R. B. Harvey, Bt., N. G. Lambert, Hn. T. F. Fremantle
30 *Burnley*, Peter Rylands
31 *Bury, Lancashire*, R. N. Philips
32 *Bury St. Edmunds*, Edward Greene, Lord F. Hervey
33 *Calne*, Lord E. G. Fitzmaurice
34 *Cambridge*, A G. Marten, P.B. Smollett
35 *Cambridge University*, Rt. Hon. Spencer H. Walpole, A. J. B. Beresford-Hope
36 *Cambridgeshire*, Rt. Hon. H. B. W. Brand, Hon. E. C. Yorke, B. B. Hunter Rodwell [Gathorne-Hardy
37 *Canterbury*, L. A. Majendie, Hon. A. E.
38 *Cardiff*, &c., Lt.-Col. J. F. D. Crichton-
39 *Cardigan*, &c., David Davies [Stuart
40 *Cardiganshire*, T. E. Lloyd
41 *Carlisle*, R. Ferguson, Sir Wilfred Lawson, Bt.
42 *Carmarthen*, B. T. Williams
43 *Carmarthenshire*, Visc. Emlyn, J. Jones
44 *Carnarvon*, W. B. Hughes [Pennant
45 *Carnarvonshire*, Hon. G. S. Douglas-
46 *Chatham*, J. E. Gorst [Gordon
47 *Chelsea*, Sir C. W. Dilke, Bt., W.
48 *Cheltenham*, J. T. Agg-Gardner
49 *Chester*, H. C. Raikes, Right Hon. J. G. Dodson
50 *Cheshire (E.)*, W. J. Legh, W.C. Brooks
51 *Cheshire (M.)*, Capt. Hon. W. Egerton, P. E. Warburton
52 *Cheshire (W.)*, Sir P. de M. Grey-Egerton, Bt., Hon. W. F. Tollemache
53 *Chichester*, Rt. Hn. Ld. H. G. C. G. Lennox
54 *Chippenham*, Gabriel Goldney
55 *Christchurch*, Sir H. D. Wolff.
56 *Cirencester*, T. W. C. Master, jun.
57 *Clitheroe*, Ralph Assheton

58 *Cockermouth*, Isaac Fletcher
59 *Colchester*, Col. A. Learmonth, H. B. M. Praed [J. Tremayne
60 *Cornwall (East)* Sir C. Rashleigh, Bt.,
61 *Cornwall (W.)*, Sir J. St. Aubyn, Bt., A. P. Vivian [son, Bart.
62 *Coventry*, H. W. Eaton, Sir H. M. Jack-
63 *Cricklade*, Sir D. Gooch, Bart., A. L. Goddard
64 *Cumberland (East)*, Hon. C. W. G. Howard, E. S. Howard
65 *Cumberland (West)*, Hon. Percy S. Wyndham, Lord Muncaster
66 *Darlington*, Edm. Backhouse
67 *Denbigh*, &c., W. Williams
68 *Denbighshire*, Sir W. W. Wynn, Bart., G. O. Morgan
69 *Derby*, M. T. Bass, Sam. Plimsoll
70 *Derbyshire (East)*, Rear-Adm. Hon. F. Egerton, F. Arkwright
71 *Derbyshire (North)*, Lord G. H. Cavendish, Capt. A. P. Arkwright
72 *Derbyshire (South)*, Lt.-Col. Sir Henry Wilmot, Bart., T. W. Evans
73 *Devizes*, Sir Thomas Bateson, Bart.
74 *Devonport*, J. H. Puleston, Capt. G. E. Price
75 *Devonshire (East)*, Sir Lawrence Palk, Bt., Sir Jn. Hy. Kennaway, Bart.
76 *Devonshire (North)*, Rt. Hon. Sir S. H. Northcote, Bt., Sir T. D. Acland, Bt.
77 *Devonshire (South)*, Sir L. Massey Lopes, Bart., J. C. Garnier
78 *Dewsbury*, Serjeant John Simon
79 *Dorchester*, W. E. Brymer
80 *Dorsetshire*, Hon. W. H. B. Portman, John Floyer, Hon. E. H. T. Digby
81 *Dover*, C. K. Freshfield, Major A. G.
82 *Droitwich*, John Corbett [Dickson
83 *Dudley*, H. B. Sheridan
84 *Durham City*, F. Herschell, Sir A. E. Middleton, Bart. [Elliot, Bart.
85 *Durham (N.)*, C. M. Palmer, Sir G.
86 *Durham (South)*, J. W. Pease, Lt.-Col. F. E. B. Beaumont
87 *Essex (East)*, J. Round, Lt.-Col. S. B. Ruggles-Brise [Makins
88 *Essex (South)*, T. C. Baring, W. T.
89 *Essex (West)*, Sir H. J. Selwin-Ibbetson, Bart., Lord Eustace Cecil
90 *Evesham*, Col. J. Bourne
91 *Exeter*, A. Mills, J. G. Johnson
92 *Eye*, Rt. Hon. Viscount Barrington
93 *Falmouth & Penryn*, D. J. Jenkins, H. T. Cole
94 *Finsbury*, W. T. M'Cullagh-Torrens, Ald. Sir A. Lusk, Bart.
95 *Flint*, &c., J. Roberts
96 *Flintshire*, Rt. Hon. Lord R. Grosvenor
97 *Frome*, Henry Bernhard Samuelson
98 *Gateshead*, W. H. James [M. Talbot
99 *Glamorganshire*, H. H. Vivian, C. R.
100 *Gloucester*, W. K. Wait, C. J. Monk
101 *Gloucestershire (East)*, Rt. Hon. Sir M. E. Hicks Beach, Bart., J. R. Yorke
102 *Gloucestershire (West)*, Hon. R. E. S. Plunkett, Col. R. N. F. Kingscote
103 *Grantham*, Capt. Sir H. A. H. Cholmeley, Bt., H. F. Cockayne-Cust
104 *Gravesend*, Capt. Bedford C. T. Pim
105 *Greenwich*, T. W. Boord, Rt. Hon. W. E. Gladstone
106 *Grimsby (Great)*, A. M. Watkin
107 *Guildford*, Denzil R. Onslow
108 *Hackney*, J. Holms, Prof. H. Fawcett
109 *Halifax*, Right Hon. J. Stansfeld, J. P. Hutchinson
110 *Hampshire (North)*, W. W. B. Beach, Rt. Hon. G. Sclater-Booth
111 *Hampshire (South)*, Lord H. J. M. D. Scott, Rt. Hon. W. F. Cowper-Temple
112 *Hartlepool*, I. L. Bell
113 *Harwich*, Col. H. J. White-Jervis
114 *Hastings*, T. Brassey, Sir U. J. Kay-Shuttleworth, Bart.
115 *Haverfordwest*, Lord Kensington
116 *Helston*, A. W. Young [Arbuthnot
117 *Hereford*, G. Clive, Lieut.-Col. G.
118 *Herefordshire*, Sir J. R. Bailey, Bt., Michael Biddulph, D. P. Peploe
119 *Hertford*, Arthur J. Balfour
120 *Hertfordshire*, T. F. Halsey, Abel Smith, Hon. H. F. Cowper
121 *Horsham*, J. C. Brown
122 *Huddersfield*, E. A. Leatham
123 *Hull*, C. H. Wilson, C. M. Norwood
124 *Huntingdon*, Visc. Hinchingbrook
125 *Huntingdonshire*, E. Fellowes, Visc. Mandeville
126 *Hythe*, Sir E. W. Watkin
127 *Ipswich*, T. C. Cobbold, J. R. Bulwer
128 *Kendal*, J. Whitwell
129 *Kent (East)*, E. L. Pemberton, W. Deedes [Visc. Holmesdale
130 *Kent (Mid)*, Sir W. Hart Dyke, Bt.,
131 *Kent (West)*, Sir C. H. Mills, Bart., Visc. Lewisham
132 *Kidderminster*, Sir W. A. Fraser, Bt.
133 *King's Lynn*, Hon. Rob. Bourke, Lord Claud J. Hamilton
134 *Knaresborough*, Basil T. Woodd
135 *Lambeth*, Ald. Sir J. C. Lawrence, Bt., Ald. Wm. M'Arthur
136 *Lancashire (North)*, Col. Rt. Hon. F. A. Stanley, T. H. Clifton
137 *Lancashire (North East)*, J. P. C. Starkie, J. M. Holt
138 *Lancashire (South East)*, Hon. A. F. Egerton, E. Hardcastle
139 *Lancashire (South West)*, Rt. Hon. R. A. Cross, J. I. Blackburne
140 *Launceston*, Sir Hardinge S. Giffard
141 *Leeds*, W. St. James Wheelhouse, R. Tennant, J. Barran
142 *Leicester*, P. A. Taylor, A. McArthur
143 *Leicestershire (North)*, Rt. Hon. Lord J. J. R. Manners, S. W. Clowes
144 *Leicestershire (S.)*, A. Pell, W. U. Heygate
145 *Leominster*, Thomas Blake
146 *Lewes*, W. L. Christie
147 *Lichfield*, Lt.-Col. Rich. Dyott
148 *Lincoln*, Lt.-Col. E. Chaplin, C. Seely
149 *Lincolnshire (Mid)*, H. Chaplin, Hon E. Stanhope [D. Astley, Bt.
150 *Lincolnshire (North)*, R. Winn, Sir J.
151 *Lincolnshire (South)*, Sir W. E. Welby-Gregory, Bart., Edmund Turnor
152 *Liskeard*, Leonard H. Courtney
153 *Liverpool*, Rt. Hon. Visct. Sandon, John Torr, W. Rathbone
154 *London*, Alderman W. J. R. Cotton, P. Twells, Rt. Hon. J. G. Hubbard, Rt. Hon. G. J. Göschen
155 *London University*, Rt. Hon. R. Lowe

156 *Ludlow*, Col. Hon. G. H. Windsor-Clive
157 *Lymington*, E. Hegan-Kennard
158 *Macclesfield*, W. C. Brocklehurst, D. Chadwick
159 *Maidstone*, Sir J. Lubbock, Bt., Ald. Sir Sydney H. Waterlow, Bt.
160 *Maldon*, G. M. W. Sandford
161 *Malmesbury*, W. Powell [william
162 *Malton*, Hon. C. W. Wentworth-Fitz-
163 *Manchester*, Hugh Birley, Sir Thomas Bazley, Bt., Jacob Bright
164 *Marlboro'*, Lord C. W. B. Bruce
165 *Marlow, Great*, T. O. Wethered
166 *Marylebone*, W. Forsyth, Sir Thomas Chambers
167 *Merionethshire*, Sam. Holland
168 *Merthyr Tydvil*, Richard Fothergill, H. Richard
169 *Middlesborough*, Isaac Wilson
170 *Middlesex*, Lord George F. Hamilton, O. E. Coope
171 *Midhurst*, Sir H. T. Holland, Bt.
172 *Monmouth*, &c., T. Cordes
173 *Monmouthshire*, Rt. Hon. Lord Henry Somerset, Capt. Hon. F. C. Morgan
174 *Montgomery*, &c., Hon. F. S. A. Hanbury-Tracy
175 *Montgomeryshire*, Chas. W. W. Wynn
176 *Morpeth*, T. Burt
177 *Newark*, Thomas Earp, S. B. Bristowe
178 *Newcastle-on-Tyne*, J. Cowen, C. F. Hamond
179 *Newcastle-under-Lyme*, W. S. Allen, S. R. Edge
180 *Newport (I. of Wight)*, C. C. Clifford
181 *Norfolk (North)*, Sir Edm. H. K. Lacon, Bart., Lieut.-Col. J. Duff
182 *Norfolk (South)*, C. S. Read, Sir R. J. Buxton, Bart.
183 *Norfolk (West)*, Sir Wm. Bagge, Bart., G. W. P. A. Bentinck
184 *Northallerton*, G. W. Elliot
185 *Northampton*, P. Phipps, C. G. Merewether
186 *Northampton (North)*, S. G. Stopford-Sackville, Lord Burghley.
187 *Northampton (South)*, Sir R. Knightley, Bt., Major Fairfax Wm. Cartwright
188 *Northumberland (North)*, Rt. Hon. Earl Percy, Sir Matt. W. Ridley, Bt.
189 *Northumberland (South)*, W. B. Beaumont, E. Ridley
190 *Norwich*, J. J. Colman, one vacancy)
191 *Nottingham*, W. E. Denison, S. Isaac
192 *Nottinghamshire (North)*, F. C. Smith, Viscount Galway
193 *Nottinghamshire (South)*, T. B. Thoroton-Hildyard, G. Storer
194 *Oldham*, Serjeant F. L. Spinks, J. T. Hibbert
195 *Oxford City*, Sir W. G. G. V. Vernon-Harcourt, A. W. Hall
196 *Oxford University*, Rt. Hon. J. R. Mowbray, J. G. Talbot
197 *Oxfordshire*, Col. J. S. North, W. C. Cartwright, E. W. Harcourt
198 *Pembroke*, &c., E. J. Reed
199 *Pembrokeshire*, J. B. Bowen
200 *Peterborough*, Thomson Hankey, Hon. J. W. Fitzwilliam
201 *Petersfield*, Capt. Hon. W. S. H. Jolliffe
202 *Plymouth*, E. Bates, S. S. Lloyd
203 *Pontefract*, Rt. Hon. H. C. E. Childers, Major S. Waterhouse
204 *Poole*, Hon. A. E. M. Ashley
205 *Portsmouth*, Sir J. D. H. Elphinstone, Bart., Hon. T. C. Bruce
206 *Preston*, E. Hermon, Sir J. Holker
207 *Radnor (New)*, Rt. Hon. Marquis of Hartington
208 *Radnorshire*, Capt. Hon. A. Walsh
209 *Reading*, Geo. John Shaw-Lefevre, G. Palmer
210 *Retford (East)*, F. J. S. Foljambe, W. B. Denison
211 *Richmond*, Hon. J. C. Dundas
212 *Ripon*, Earl de Grey
213 *Rochdale*, T. B. Potter
214 *Rochester*, Sir J. Goldsmid, Bart., A. J. Otway
215 *Rutlandshire*, Rt. Hon. G. J. Noel, G. H. Finch
216 *Rye*, Hon. John S. Gathorne-Hardy
217 *St. Ives*, C. T. Praed
218 *Salford*, W. T. Charley, O. O. Walker
219 *Salisbury*, Granville R. Ryder, Dr. J. A. Lush
220 *Sandwich*, H. A. Brassey, Rt. Hon. E. H. Knatchbull-Hugessen
221 *Scarborough*, Sir C. Legard, Bt., Sir H. V. Bempdè-Johnstone, Bt.
222 *Shaftesbury*, Vere F. Benett Stanford
223 *Sheffield*, Rt. Hon. J. A. Roebuck, A. J. Mundella
224 *Shields (South)*, J. C. Stevenson
225 *Shoreham (New)*, Sir W. W. Burrell, Bt., Rt. Hon. Stephen Cave
226 *Shrewsbury*, C. C. Cotes, H. Robertson
227 *Shropshire (North)*, Visc. Newport, S. Leighton [Capt. J. E. Severne.
228 *Shropshire (South)*, Sir B. Leighton, Bt.,
229 *Somersetshire (East)*, Major R. S. Allen, Sir P. J. W. Miles, Bart.
230 *Somersetshire (Mid)*, Maj. R. H. Paget, W. S. G. Langton
231 *Somersetshire (West)*, Lieut.-Col. Hon. A. W. A. N. Hood, Major V. Hanning Vaughan-Lee
232 *Southampton*, Sir F. Perkins, Alfred Giles [Beresford
233 *Southwark*, John Locke, Col. F. M.
234 *Stafford*, T. Salt, A. Macdonald
235 *Staffordshire (E.)*, M. A. Bass, S. C. Allsopp
236 *Staffordshire (N.)*, C. M. Campbell, R. W. Hanbury
237 *Staffordshire (W.)*, F. Monckton, A. Staveley Hill
238 *Stalybridge*, T. H. Sidebottom
239 *Stamford*, Vice-Adm. Rt. Hon. Sir J. C. D. Hay, Bt. [nington
240 *Stockport*, C. H. Hopwood, F. Pen-
241 *Stockton-on-Tees*, J. Dodds
242 *Stoke-on-Trent*, R. Heath, E. V. Kenealy
243 *Stroud*, A. J. Stanton, S. S. Marling
244 *Suffolk (E.)*, Lord Rendlesham, Lt.-Col. F. St. J. N. Barne
245 *Suffolk (W.)*, Col. Windsor Parker, T. Thornhill
246 *Sunderland*, Ald. E. T. Gourley, Maj.-Gen. Sir H. M. Havelock, Bt.
247 *Surrey (E.)*, J. Watney, W. Grantham
248 *Surrey (Mid)*, Sir H. W. Peek, Bt. Sir J. J. T. Lawrence, Bart.

249 *Surrey (W.)*, G. Cubitt, L. Steere
250 *Sussex (E.)*. G. B. Gregory, M.D. Scott
251 *Sussex (W.)*, Col. Sir W. B. Barttelot, Bart., Earl of March
252 *Swansea*, L. L. Dillwyn
253 *Tamworth*, Rt. Hon. Sir R. Peel, Bt., H. A. Bass
254 *Taunton*, A. C. Barclay, Sir H. James
255 *Tavistock*, Lord A. J. E. Russell
256 *Tewkesbury*, W. E. Price
257 *Thirsk*, Sir W. Payne Gallwey, Bt.
258 *Tiverton*, Sir J. Heathcote-Amory, Bt., Rt. Hon. W. N. Massey
259 *Tower Hamlets*, C. T. Ritchie, J. D'A. Samuda
260 *Truro*, Lt.-Col. Sir J. McGarel Hogg, Bt., K.C.B , Col. A. Tremayne
261 *Tynemouth*, Thos. E. Smith
262 *Wakefield*, T. K. Sanderson
263 *Wallingford*, Edward Wells
264 *Walsall*, Sir Chas. Forster, Bt.
265 *Wareham*, J. S. W. S. E. Drax
266 *Warrington*, Sir G. Greenall Bart.
267 *Warwick*, G. W. J. Repton, A. W. Peel
268 *Warwickshire (N.)*, C. N. Newdegate, W. Bromley-Davenport
269 *Warwickshire (S.)*, Earl of Yarmouth, Sir J. E. Eardley-Wilmot, Bt.
270 *Wednesbury*, A. Brogden [Forester
271 *Wenlock*, A. H. Brown, C. T. W.
272 *Westbury*, A Laverton [C. Russell, Bt.
273 *Westminster*, Rt. Hon. W. H. Smith, Sir
274 *Westmorland*, Earl of Bective, Hon. W. Lowther [Johnstone, Bt.
275 *Weymouth*, H. Edwards, Sir F. J. W.
276 *Whitby*, W. H. Gladstone
277 *Whitehaven*, Rt. Hon. G. A. F. C. Bentinck
278 *Wigan*, Lord Lindsay, T. Knowles
279 *Wight, Isle of*, A. D. W. R. Baillie Cochrane
280 *Wilton*, Hon. Sidney Herbert
281 *Wiltshire (N.)*, G. B. Estcourt, Sir G. S. Jenkinson, Bt.
282 *Wiltshire (S.)*, Lord H. F. Thynne, Viscount Folkestone
283 *Winchester*, W. B. Simonds, A. R. Naghten
284 *Windsor*, R. Richardson-Gardner
285 *Wolverhampton*, Right Hon. C. P. Villiers, Thos. Matthias Weguelin
286 *Woodstock*, Lord R. H. Churchill
287 *Worcester*, T. Rowley Hill, J. D. Allcroft [Walker
288 *Worcestershire (E.)*, H. Allsopp, T. E.
289 *Worcestershire (W.)*, F. W. Knight, Sir E. A. H. Lechmere, Bart.
290 *Wycombe*, Lt.-Col. Hon. W. H. P. Carington
291 *York*, G. Leeman, Rt. Hn. J. Lowther
292 *Yorkshire (E. R.)*, Christ. Sykes, W. H. Harrison-Broadley
293 *Yorkshire (N. R.)*, F. A. Milbank, Viscount Helmsley
294 *Yorkshire (W. R., N. D.)*, Lord F. C. Cavendish, Sir M. Wilson, Bt.
295 *Yorkshire (W. R., S. D.)*, W. T. W. Spencer-Stanhope, L. R. Starkey
296 *Yorkshire (W. R., E. D.)*, C. B. Denison, Joshua Fielden

Beverley and *Bridgewater* disfranchised by 33 & 34 Vic., c. 21.

SCOTLAND.

297 *Aberdeen*, J. F. Leith
298 *Aberdeenshire (E.)*, Gen. Hon. Sir A. H. Gordon
299 *Aberdeenshire (W.)* Lord D. Gordon
300 *Argyllshire*, Lord C. Campbell
301 *Ayr*, &c., Sir W. J. M. Cunninghame, Bart.
302 *Ayrshire (N.)*, R. Montgomerie
303 *Ayrshire (S.)*, Lt.-Col. C. Alexander
304 *Banffshire*, Robert Wm. Duff
305 *Berwickshire*, Hon. R. Baillie-Hamilton
306 *Buteshire*, Charles Dalrymple
307 *Caithness-shire*, Sir J. G. T. Sinclair, Bart.
308 *Clackmannan and Kinross-shires*, Rt. Hon. Wm. Patrick Adam
309 *Dumbartonshire*, Archibald Orr Ewing
310 *Dumfries*, E. Noel
311 *Dumfriesshire*, J. J. Hope-Johnstone
312 *Dundee*, J. Yeaman, E. Jenkins
313 *Edinburgh*, D. MacLaren, J. Cowan
314 *Edinburgh & St. Andrew's Universities*, Rt. Hon. Lyon Playfair
315 *Edinburghshire*, Earl of Dalkeith
316 *Elgin, Banff*, &c., M. E. Grant-Duff
317 *Elgin & Nairnshire*, Viscount Macduff
318 *Falkirk*, &c., J. Ramsay
319 *Fifeshire*, Sir Robt. Anstruther, Bt.
320 *Forfarshire*, J. W. Barclay
321 *Glasgow*, Dr. C. Cameron, G. Anderson, A. Whitelaw
322 *Glasgow and Aberdeen Universities*, Rt. Hon. W. Watson
323 *Greenock*, J. Stewart
324 *Haddington*, Lord W. M. Hay
325 *Haddingtonshire*, Lord Elcho
326 *Hawick*, G. O. Trevelyan
327 *Inverness*, C. Fraser Mackintosh
328 *Inverness-shire*, Donald Cameron
329 *Kilmarnock*, J. F. Harrison
330 *Kincardineshire*, Gen. Sir G. Balfour
331 *Kirkcaldy*, &c., Sir G. Campbell
332 *Kirkcudbrightshire*, J. Maitland
333 *Lanarkshire (N.)*, Sir T. E. Colebrooke, Bt.
334 *Lanarkshire (S.)*, Sir W. C. J. Anstruther, Bt.
335 *Leith*, A. Grant
336 *Linlithgowshire*, Peter McLagan
337 *Montrose*, &c., Rt. Hn. W. E. Baxter
338 *Orkney & Shetland*, S. Laing
339 *Paisley*, W. Holms
340 *Peebles and Selkirk*, Sir G. G. Montgomery, Bt.
341 *Perth*, C. S. Parker
342 *Perthshire*, Lt.-Col. H. E. S. H. Drummond-Moray
343 *Renfrewshire*, Col. W. Mure
344 *Ross & Cromartyshires*, A. Matheson
345 *Roxburghshire*, Sir G. H. S. Douglas, Bart.
346 *St. Andrews*, &c., E. Ellice
347 *Stirling*, &c., H. Campbell-Bannerman
348 *Stirlingshire*, Rear-Admiral Sir W. Edmonstone, Bt.
349 *Sutherlandshire*, Marquis of Stafford
350 *Wick*, &c., John Pender
351 *Wigton*, &c., M. J. Stewart
352 *Wigtonshire*, R. Vans-Agnew

IRELAND.

353 *Antrim*, J. Chaine, Hon. E. O'Neill
354 *Armagh*, G. dela Poer Beresford
355 *Armagh Co.*, E. W. Verner, M. C. Close
356 *Athlone*, E. Sheil
357 *Bandon Bridge*, A. Swanston
358 *Belfast*, J. P. Corry, W. Ewart
359 *Carlow*, H. O. Lewis
360 *Carlow Co.*, A. McM. Kavanagh, H. Bruen
361 *Carrickfergus*, M. R. Dalway
362 *Cavan Co.*, C. J. Fay, J. G. Biggar
363 *Clare*, Sir B. O'Loghlen, Bt., Lord F. Conyngham
364 *Clonmel*, A. Moore
365 *Coleraine*, D. Taylor
366 *Cork*, N. D. Murphy, W. Goulding
367 *Cork Co.*, M'C. Downing, W. Shaw
368 *Donegal*, Marquis of Hamilton, W. Wilson
369 *Downpatrick*, J. Mulholland
370 *Downshire*, Lord A. E. Hill-Trevor, Visc. Castlereagh
371 *Drogheda*, Dr. W. H. O'Leary
372 *Dublin*, Sir A. E. Guinness, Bt., M. Brooks
373 *Dublin Co.*, Col. Right Hon. T. E. Taylor, I. T. Hamilton
374 *Dublin University*, Hon. D. R. Plunket, Rt. Hon. E. Gibson
375 *Dundalk*, Philip Callan
376 *Dungannon*, T. A. Dickson
377 *Dungarvon*, F. H. O'Donnell
378 *Ennis*, Capt. William Stacpoole
379 *Enniskillen*, Visct. Crichton
380 *Fermanagh Co.*, W. H. Archdale, Col. Hon. H. A. Cole
381 *Galway*, G. Morris, M. F. Ward
382 *Galway Co.*, M. Henry, Maj. J. P. Nolan
383 *Kerry Co.*, H. A. Herbert, R. P. Blennerhasset
384 *Kildare Co.*, C. H. Meldon, Rt. Hon. W. H. F. Cogan
385 *Kilkenny*, Benj. Whitworth
386 *Kilkenny Co.*, G. L. Bryan, P. L. Martin
387 *King's Co.*, Sir P. O'Brien, Bt., D. Sherlock
388 *Kinsale*, E. Collins
389 *Leitrim*, Dr. John Brady, F. O'Beirne
390 *Limerick*, Isaac Butt, R. O'Shaughnessy
391 *Limerick Co.*, W. H. O'Sullivan, E. J. Synan
392 *Lisburn*, Sir R. Wallace, Bt.
393 *Londonderry*, C. E. Lewis
394 *Londonderry Co.*, R. Smyth, Rt. Hon. H. Law
395 *Longford Co.*, Major M. W. O'Reilly, G. Errington
396 *Louth Co.*, A. M. Sullivan, G. H. Kirk
397 *Mallow*, J. G. M'Carthy
398 *Mayo Co.*, G. E. Browne, J. O'C. Power
399 *Meath Co.*, N. Ennis, C. S. Parnell
400 *Monaghan Co.*, Sir J. Leslie, Bart., S. E. Shirley
401 *New Ross*, J. Dunbar
402 *Newry*, W. Whitworth
403 *Portarlington*, Capt. L. S. W. Dawson-Damer
404 *Queen's Co.*, Kenelm T. Digby, E. Dease
405 *Roscommon Co.*, The O'Conor Don, Hon. C. French
406 *Sligo Co.*, Denis M. O'Conor, E. R. King-Harman
407 *Tipperary Co.*, E. D. Gray, Stephen Moore
408 *Tralee*, The O'Donoghue
409 *Tyrone Co.*, J. W. Ellison-Macartney, Capt. Hon. H. W. Lowry-Corry
410 *Waterford*, R. Power, Major P. O'Gorman
411 *Waterford Co.*, Lord C. W. De la Poer Beresford, J. Delahunty
412 *Westmeath Co.*, P. J. Smyth, Rt. Hon. Lord R. Montagu
413 *Wexford*, W. A. Redmond
414 *Wexford Co.*, Sir G. Bowyer, Bt., K. O'Clery
415 *Wicklow Co.*, W. W. Fitzwilliam Dick, W. R. O'Byrne
416 *Youghal*, Sir J. N. McKenna

Cashel and *Sligo* disfranchised by 33 and 34 Vict., cap. 38.

OFFICERS OF THE HOUSE OF COMMONS.

Clerk of the House, Sir T. E. May, K.C.B.
Clerk Assistant, Reginald Palgrave
Second Clerk Assistant, Archibald Milman
Clerk of Public Bills, &c., William Rose
Clerk of Committees, Charles Eales
Clerk of Journals and Papers, J. B. Bull
Clerk of Private Bills, H. B. Mayne
Deliverer of Votes, &c., R. M. Baily
Accountant, W. O. Mayne
Counsel to Speaker, G. K. Rickards
Examiners for Standing Orders, C. Frere and J. H. Robinson
Taxing-master, Chas. Frere
Shorthand-writer, W. H. Salter
Serjeant-at-Arms, Capt. B. A. Gosset
Deputy, Col. Erskine
Assistant Serjeant, Col. C. W. Forester
Chaplain, Hon. & Rev. F. E. C. Byng, M.A.
Secretary to the Speaker, C. W. Campion
Librarian, G. Howard
Assistant, W. Hearn
Printer of Journals, &c., H. Hansard
Printer of Votes, Messrs. Nichols

SUMMARY OF THE HOUSE OF COMMONS.

England.	Members	
40 Counties	171	450
Isle of Wight	1	
184 Cities, Boroughs, &c.†	282	
3 Universities	5	
Wales.		
12 Counties	15	30
14 Boroughs, with 45 contributory ditto	15	

Scotland.	Members	
33 Counties	32	60
7 Cities and Towns	11	
15 Districts of Burghs	15	
4 Universities	2	
Ireland.		
32 Counties	64	103
31 Cities and Boroughs†	37	
1 University	2	
Total		652

* Two English boroughs (Beverley and Bridgewater), each with two members, disfranchised by 33 and 34 Vict., cap. 21—July 4, 1870 and Norwich deprived of one seat.

† Two Irish boroughs (Sligo and Cashel), each with one member, disfranchised by 33 and 34 Vict., cap. 38—Aug. 1, 1870.

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LORDS LIEUTENANT AND CUSTODES ROTULORUM OF THE COUNTIES OF ENGLAND AND WALES.

ENGLAND.

Bedford, Earl Cowper, K.G.
Berks, Earl of Abingdon
Bucks, Duke of Buckingham and Chandos
Cambridge, Charles Watson Townley
Chester, Lord Egerton [*Warden*
Cornwall, Earl of Mount Edgcumbe—*Lord of the Stannaries*, Viscount Portman
Cumberland, Lord Muncaster, M.P.
Derby, Duke of Devonshire, K.G.
Devon, Duke of Somerset, K.G.
Dorset, Earl of Shaftesbury, K.G.
Durham, Earl of Durham
Essex, Rt. Hon. Lord Carlingford
Gloucester, Earl of Ducie
Hereford, Lord Bateman
Hertford, Earl of Verulam
Huntingdon, Earl of Sandwich
Kent, Earl Sydney, G.C.B.—*Lord Warden of Cinque Ports*, Earl Granville, K.G.
Lancashire, Earl of Sefton
Leicester, Duke of Rutland, K.G.
Lincoln, Earl Brownlow
Middlesex, Duke of Wellington, K.G.
Monmouth, Duke of Beaufort, K.G.
Norfolk, Earl of Leicester, K.G.
Northampton, Earl Spencer, K.G.
Northumberland, Duke of Northumberland
Nottingham, Lord Belper
Oxford, Duke of Marlborough, K.G.
Rutland, Earl of Gainsborough
Shropshire, Earl of Bradford
Somerset, Earl of Cork and Orrery, K.P.
Southampton, Marquis of Winchester
Stafford, Lord Wrottesley
Suffolk, Earl of Stradbroke
Surrey, Earl of Lovelace
Sussex, Earl of Chichester
Tower-Hamlets, Sir C. Yorke, G.C.B.
Warwick, Lord Leigh
Westmorland, Sir R. C. Musgrave, Bart.
Wilts, Earl of Radnor
Worcester, Earl Beauchamp.
York, East-Riding, Lord Wenlock
—— *North-Riding*, Marquis of Ripon, K.G.
—— *West-Riding*, Earl Fitzwilliam, K.G.

WALES.

Anglesey, Hon. Wm. Owen Stanley
Brecon, Sir J. R. Bailey, Bart., M.P.
Caermarthen, Earl Cawdor
Caernarvon, Lord Penrhyn
Cardigan, Capt. Edw. Lewis Pryse
Denbigh, Major W. Cornwallis West
Flint, Hugh Robert Hughes
Glamorgan, C. R. M. Talbot, M.P.
Haverfordwest, C. E. G. Philipps
Merioneth, Lord Mostyn
Montgomery, Earl of Powis
Pembroke, Lord Kensington, M.P.
Radnor, Capt. Hon. A. Walsh, M.P.

LORDS LIEUTENANT AND SHERIFFS OF SCOTLAND.

County.	*Lord Lieutenant.*	*Sheriff Depute.*
Aberdeen	Earl of Kintore	J. G. Smith
Argyll	Duke of Argyll, K.T.	A. F. Irving
Ayr	Earl of Stair, K.T.	Neil C. Campbell
Banff	Earl of Fife, K.T.	Benj. R. Bell
Berwick	Duke of Roxburghe, K.T.	G. H. Pattison
Bute	Lt.-Col. J. F. D. C. Stuart, M.P.	Pat. Fraser, LL.D.
Caithness	Earl of Caithness	Geo. Hunter Thoms
Clackmannan	Earl of Mansfield, K.T.	George Munro
Cromarty	Duke of Sutherland, K.G.	John P. Wilson
Dumbarton	H. E. Crum Ewing	W. E. Gloag
Dumfries	Earl of Dalkieth, K.T.	Mark Napier
Edinburgh	Duke of Buccleuch, K.G.	Archibald Davidson
Elgin	Viscount Macduff, M.P.	Benj. R. Bell
Fife	Sir R. Anstruther, Bart, M.P.	J. A. Crichton

Forfar	Earl of Strathmore	F. L. Maitland Herlot
Haddington	Earl of Haddington	A. Davidson
Inverness	Lord Lovat	Wm. Ivory
Kincardine	Sir T. Gladstone, Bart.	J. G. Smith
Kinross	Sir Gra. Montgomery, Bt., M.P.	George Monro
Kirkcudbright Stewartry	Earl of Selkirk	Mark Napier
Lanark	Sir Thos. E. W. Colebrooke, Bt.	W. G. Dickson
Linlithgow	Earl of Rosebery	George Monro
Nairn	J. C. Brodie	Benj. R. Bell
Orkney and Zetland	Hon. J. C. Dundas	Geo. Hunter Thoms
Peebles	Earl of Wemyss and March	George Napier
Perth	Duke of Athole, K.T.	Robt. Lee
Renfrew	Sir M. R. Shaw Stewart, Bt.	Patrick Fraser, LL.D.
Ross	Sir James Matheson, Bart.	John P. Wilson
Roxburgh	Duke of Buccleuch, K.G.	G. H. Pattison
Selkirk	Lord Polwarth	
Stirling	Earl of Dunmore	W. E. Gloag
Sutherland	Duke of Sutherland, K.G.	John P. Wilson
Wigtown	Earl of Stair, K.T.	Mark Napier

LIEUTENANTS OF COUNTIES OF IRELAND.

Antrim, Marquess of Donegall, K.P.
Armagh, Lord Lurgan
Carlow, Earl of Bessborough
Cavan, Earl of Lanesborough
Clare, Hon. C. W. White
Cork, Earl of Bandon
Donegal, Duke of Abercorn, K.G.
Down, Earl of Dufferin, K.P.
Dublin, Viscount Monck, G.C.M.G.
Fermanagh, Earl of Erne
Galway, Lord Clonbrock
Kerry, Earl of Kenmare, K.P.
Kildare, Marquis of Drogheda
Kilkenny, (vacant).
King's County, Col. T. Bernard
Leitrim, Lord Harlech.
Limerick, Rt. Hon. Lord Emly
Londonderry, Sir H. H. Bruce, Bart.
Longford, Earl of Longford, K.C.B.
Louth, Lord Rathdonnell
Mayo, Earl of Lucan, G.C.B.
Meath, Marquis of Headfort
Monaghan, Earl of Dartrey, K.P.
Queen's County, Lord Castletown
Roscommon, E. R. King-Harman, M.P.
Sligo, Lt.-Col. E. H. Cooper
Tipperary, Viscount Lismore, K.P.
Tyrone, Earl of Charlemont, K.P.
Waterford, Marquis of Waterford, K.P.
Westmeath, Lord Greville
Wexford, Lord Carew, K.P.
Wicklow, Earl of Meath

SCOTLAND.

OFFICERS OF STATE AND HOUSEHOLD.

Hered. Grand Constable, Earl of Erroll—*Keeper of the Great Seal*, Earl of Selkirk; *Deputy*, Colin Mackenzie — *Lord Keeper of the Privy Seal*, Marquis of Lothian—*Lord Clerk Register* (vacant) —*Hered. Master of the Household*, Duke of Argyll, K.T.—*Hered. Standard Bearer*, Earl of Lauderdale. — *Lord High Commissioner*, Earl of Rosslyn —*Lord Justice Gen.*, Rt. Hon. John Inglis—*Lord Justice Clerk*, Rt. Hon. Lord Moncreiff—*Physicians in Ordinary*, Sir Robt. Christison, Bt., M.D., and W. T. Gairdner—*Deans of Chapel Royal*, Wm. Milligan, D.D., W. P. Dickson, D.D., A. H. Charteris, D.D., A. F. Mitchell, D.D., John Macleod—*Dean of the Thistle*, D. Macleod—*Captain-General of Queen's Body Guard*, Duke of Buccleuch, K.G.
Maj.-Gen. of District (Head Qrs., Edinburgh), J. R. Stuart, C.B.—*Asst.-Adj.-Gen.*, Col. Sir J. C. M'Leod, K.C.B.

PEERS.

Abercorn, *Earl of*, 1606, Hamilton*o
Aberdeen, *Earl of*, 1682, Hamilton-Gordon*
Airlie, *E. of*, 1639, Ogilvy *a*
Arbuthnott, *Visc.*, 1641
Argyll, *D. of*, 1701, Campbell*
Athole, *D. of*, 1703, Murray*
Balfour of Burleigh, *L.* 1608, Bruce *a*
Belhaven and Stenton, *L.* 1647, Hamilton
Blantyre, *L.*, 1606, Stuart *a*
Borthwick, *L.*, 1458
Breadalbane, *Earl of*, 1677, Campbell*
Buccleuch, *Duke of*, 1663, and Queensberry, 1684, Douglas-Scott*
Buchan, *E. of*, 1469, Erskine
Caithness, *Earl of*, 1455, Sinclair*
Carnwath, *Earl of*, 1639, Dalzell
Cassillis, *Earl of*, 1509, Kennedy*
Cathcart, *L.*, 1447*
Colville of Culross, *L.*, 1609*a*
Crawford, 1398, & Balcarres, 1651, *Earl of*, Lindsay*
Dalhousie, *Earl of*, 1633, Ramsay*
Dingwall, *L.*, 1609, Cowper*
Dumfries, *E. of*, 1633, and Bute, *E.*, 1703, Crichton-Stuart*
Dunblane, *V.* 1673, Osborne*
Dundonald, *Earl of*, 1669, Cochrane
Dunmore, *Earl of*, 1686, Murray*
Dysart, *E. of*, 1643, Tollemache
Eglinton, *Earl of*, 1507, Montgomerie*

Elgin, *E. of*, 1633, and Kincardine, 1647, Bruce*
Elibank, *L.*, 1643, Murray
Elphinstone, *L.*, 1509 *a*
Erroll, *E. of*, 1452, Hay*
Fairfax, *L.*, 1627
Falkland, *Visc.*, 1620, Cary*
Forbes, *L.*, 1440 *a*
Forrester, *L.*, 1633, Grimston*o [Stewart*
Galloway, *Earl of*, 1623,
Glasgow, *E. of*, 1703, Boyle*
Gray, *Baroness*, 1415
Haddington, *Earl of*, 1619, Hamilton *a* [Douglas*
Hamilton, *Duke of*, 1643,
Herries, *L.*, 1491, Maxwell
Home, *E. of*, 1604*
Hopetoun, *E. of*, 1703, Hope*
Huntly, *M. of*, 1599, Gordon*
Kinloss, *L.*, 1601 *o**
Kinnaird, *Lord*, 1682*
Kinnoull, *E. of*, 1633, Hay*
Kintore, *E. of*, 1677, Keith-Falconer*
Lauderdale, *Earl of*, 1624, Maitland
Lennox, *Duke of*, 1675*
Leven, *E. of*, 1641, & Melville, 1690, Leslie-Melville
Lothian, *Mar. of*, 1701, Kerr*
Loudoun. *Earl*, 1633, Abney-Hastings*
Lovat, *L.*, 1472, Fraser*
Mar and Kellie, *E. of*, 1295, Erskine *a*
Montrose, *D. of*, 1707, Graham,*
Moray, *E. of*, 1562, Stuart*
Morton, *E. of*, 1458, Douglas, *a*
Nairne, *Baroness*, 1797, FitzMaurice
Napier, *Lord*, 1627*
Newburgh, *Countess of*, 1660, Bandini [negie
Northesk, *E. of*, 1647, Car-
Orkney, *Earl of*, 1696, Fitz-Maurice
Perth, *E. of*, 1605, and Melfort, 1686, Drummond
Polwarth, *Lord*, 1690, Scott
Queensberry, *Mar. of*, 1682, Douglas *a*
Reay, *L.*, 1628, Mackay
Rollo, *L.*, 1651*
Rosebery, *Earl of*, 1703, Primrose*
Rothes, *Countess of*, 1437, Leslie
Rothesay, *D. of*, 1398, Prince of Wales*
Roxburghe, *D. of*, 1707, Ker*
Ruthven, *L.*, 1651
Saltoun, *L.*, 1445, Fraser *a*
Seafield, *E. of*, 1701, Grant-Ogilvie*
Selkirk, *E. of*, 1646, Douglas *a*
Sempill, *Baroness*, 1489
Sinclair, *L.*, St. Clair, 1489 *a*
Southesk, *E. of*, 1633, Carnegie*
Stair, *E. of*, 1703, Dalrymple*
Stormont, *V.*, 1621, Murray*
Strathallan, *V.*, 1686, Drummond *a*
Strathmore & Kinghorne, *Earl of*, 1672 and 1606, Bowes-Lyon *a*
Sutherland, *Earl of*, 1228, Sutherland - Leveson - Gower*
Torphichen, *L.*, 1564, Sandilands
Tweeddale, *Marq. of*, 1694, Hay
Wemyss and March, *E. of*, 1633, Wemyss-Charteris-Douglas*

* Marked thus are Peers of the United Kingdom. *o* Marked thus are Peers of Ireland. *a* Marked thus are Representative Peers (one vacancy).

IRELAND.

Lord Lieutenant, Duke of Marlborough, K.G.
Lord High Chancellor, Right Hon. J. T. Ball.
Chief Secretary and Keeper of Privy Seal, Rt. Hon. James Lowther, M.P.
Under Sec., Thomas H. Burke
Clerk of Privy Council, H. Robinson.
State Steward, Earl of Bandon.
Comptroller, Lt.-Col. J. A. Caulfeild
Gentleman Usher, Lord Wallscourt
Chamberlain, Col. W. R. Bernard
Master of the Horse, Lieut.-Col. F. R. Forster
Gentleman of the Bedchamber, F. Lambart
Keeper of Records and Ulster King at Arms, Sir Bernard Burke
Dean of the Chapel, Very Rev. H. H. Dickenson, M.A.
Com. of the Forces, Gen. Rt. Hon. Sir J. Michel, G.C.B.
Attorney-General, Rt. Hon. E. Gibson, Q.C., M.P.
Solicitor-General, Gerald Fitz-Gibbon, Q.C.

PEERS.

Abercorn, *Duke*, 1868, Hamilton*
Annesley, *Earl*, 1789 *b*
Antrim, *Earl of*, 1785, McDonnell
Armagh, *Earl of*, 1799, Ex-King of Hanover*
Arran, *Earl*, 1762, Gore
Ashbrook, *V.*, 1751, Flower
Ashtown, *Ld.*, 1800, Trench
Athlumney, *L.*, 1863, Somerville*
Auckland, *L.*, 1789, Eden*
Avonmore, *Vis.*, 1800, Yelverton
Aylmer, *Ld.*, 1718
Bandon, *Earl of*, 1800, Bernard
Bangor, *Vis.*, 1781, Ward *b*
Bantry, *E. of*, 1816, White *b*
Barrington, *Vis.*, 1720
Bellew, *Lord*, 1848
Belmore, *E. of*, 1797, Corry *b*
Bessborough, *Earl of*, 1739, Ponsonby*
Bloomfield, *Lord*, 1825
Boyne, *Vis.*, 1717, Hamilton-Russell*
Bridport, *Ld.*, 1794, Hood*
Caledon, *Earl of*, 1800, Alexander *b*
Carbery, *Ld.*, 1715, Evans-Freke
Carew, *Ld.*, 1834*
Carrick, *E. of*, 1748, Butler
Carington, *Lord*, 1796*
Carysfort, *E. of*, 1789, Proby*
Castlemaine, *Lord*, 1812, Handcock *b*
Castle Stuart, *E. of*, 1800, Stuart
Cavan, *E. of*, 1647, Lambart
Charlemont, *Earl of*, 1763 Caulfeild*
Chetwynd, *V.*, 1717
Cholmondeley, *Vis.*, 1661*
Clancarty, *E.*, 1803, Le Poer Trench*
Clanmorris, *L.*, 1800, Bingham
Clanricarde, *Mar. of*, 1825, De Burgh-Canning*
Clanwilliam, *E. of*, 1776, Meade*
Clarina, *L.*, 1800, Massey
Clermont, *Lord*, 1852, Fortescue*
Clifden, *Vis.*, 1781, Ellis*
Clive, *Lord*, 1762, Herbert*
Clonbrock, *L.*, 1790, Dillon *b*
Cloncurry, *L.* 1789, Lawless*
Clonmell, *E. of*, 1793, Scott *b*

Conway, *L.*, 1703, Seymour*
Conyngham, *Marq.*, 1816*
Cork and Orrery, *Earl of*, 1620, Boyle*
Courtown, *Earl of*, 1762, Stopford*
Cremorne *L.*, 1797, Dawson*
Crofton, *Lord*, 1797 *b*
Darnley, *E. of*, 1725, Bligh*
De Blaquiere, *Lord*, 1800
Decies, *L.*, 1812, Beresford
Desart, *E. of*, 1793, Cuffe
Desmond, *Earl of*, 1622, Feilding*
De Vesci, *Vis.*, 1776, Vesey
Digby, *Lord*, 1620*
Dillon, *V.*, 1622, Dillon-Lee
Donegall, *Marquis of*, 1791, Chichester* [Leger *b*
Doneraile, *Vis.*, 1785, St.
Donoughmore, *E. of*, 1800, Hely-Hutchinson*
Downe, *Vis.*, 1680, Dawnay
Downshire, *Marq. of*, 1789, Hill*
Drogheda, *Marq. of*, 1791, Moore*
Dufferin and Claneboye, *Lord*, 1800, Blackwood*
Dunalley, *L.*, 1800, Prittie
Dunboyne, *Lord*, 1541, Butler *b*
Dunraven, *E. of*, 1822, Quin*
Dunsandle and Clanconal, *Lord*, 1845, Daly *b*
Dunsany, *Ld.*, 1461, Plunkett *b* [Perceval*
Egmont, *Earl of*, 1733,
Ely, *Marq. of*, 1800, Loftus*
Enniskillen, *Earl of*, 1789, Cole*
Erne, *E. of*, 1789, Crichton *b**
Farnham, *L.*, 1756, Maxwell
Fermoy, *Lord*, 1856, Roche
Ffrench, *Lord*, 1798
Fife, *Earl of*, 1759, Duff*
Fingall, *E.*, 1628, Plunkett*
Fitzwilliam, *Earl*, 1716*
Frankfort de Montmorency, *V.*, 1816, De Montmorency
Gage, *Viscount*, 1720*
Galway, *V.*, 1727, Monckton
Gardner, *Lord*, 1800*
Garvagh, *L.*, 1818, Canning
Gormanston, *Vis.*, 1478, Preston*
Gort, *Vis.*, 1816, Vereker
Gosford, *E. of*, 1806, Acheson*
Granard, *E. of*, 1684, Forbes*
Grandison, *V.*, 1620, Child-Villiers*
Graves, *Lord*, 1794
Grimston, *Viscount*, 1719*†
Guillamore, *Viscount*, 1831, O'Grady
Harberton, *V.* 1791, Pomeroy
Hawarden, *V.* 1791, Maude *b*
Headfort, *Marq. of*, 1800, Taylour*
Headley, *Lord*, 1797, Winn
Henley, *Lord*, 1799
Henniker, *Lord*, 1800, Henniker-Major*
Hood, *Lord*, 1782*
Hotham, *Lord*, 1797
Howth, *Earl of*, 1767, St. Lawrence
Huntingfield, *Lord*, 1796, Vanneck
Inchiquin, *L.* 1536, O'Brien *b*
Kenmare, *E. of*, 1800, Browne*
Kensington, *Lord*, 1776, Edwardes
Kerry, *Earl of*, 1722, Fitz-Maurice*
Kilmaine, *L.*, 1789, Browne
Kilmorey, *Earl of*, 1822, Needham
Kingsale, *L.* 1181, De Courcy
Kingston, *E. of*, 1768, King
Lanesborough, *E. of*, 1756, Butler *b*
Langford, *L.*, 1800, Rowley
Leinster, *Duke of*, 1766, Fitzgerald*
Leitrim, *E.*, 1795, Clements*
Lifford, *Vis.*, 1781, Hewitt *b*
Limerick, *Earl of*, 1803, Pery*
Lisburne, *Earl of*, 1776, Vaughan
Lisle, *Lord*, 1758, Lysaght
Lismore, *Viscount*, 1806, O'Callaghan*
Listowel, *E. of*, 1822, Hare*
Londonderry, *Mar. of*, 1816, Vane-Tempest*
Longford, *Earl of*, 1785, Pakenham*
Louth, *Lord*, 1541, Plunkett
Lucan, *E. of*, 1795, Bingham *b*
Lumley, *Vis.* 1628, Lumley*
Macdonald, *Lord*, 1776
Massereene and Ferrard, *Vis.*, 1660, Foster-Skeffington*
Massy, *Lord*, 1776 *b*
Mayo, *E. of*, 1785, Bourke
Meath, *E. of*, 1627, Brabazon*
Mexborough, *E. of*, 1766, Saville
Midleton, *V.* 1717, Brodrick*
Milltown, *Earl of*, 1763, Leeson
Molesworth, *Viscount*, 1716
Monck, *Viscount*, 1800*
Mornington, *E. of*, 1760, Wellesley*
Mountcashel, *Earl of*, 1781 Moore *b* [Butler
Mountgarret, *Visct.*, 1550,
Mountmorres, *Vis.*, 1763, De Montmorency
Mulgrave, *L.*, 1768, Phipps*
Muncaster, *Lord*, 1783, Pennington
Muskerry, *L.*, 1781, Deane Morgan
Netterville, *Vis.*, 1622
Newborough, *L.* 1776, Wynn
Norbury, *E. of*, 1827, Toler
Normanton, *E. of*, 1806, Ellis-Agar*
Nugent, *Earl*, 1776, Grenville* †
Oranmore, *L.* 1836, Guthrie *b*
Ormonde, *Marq. of*, 1825, Butler*
Portarlington, *E. of*, 1785, Dawson-Damer *b*
Powerscourt, *V.* 1743, Wingfield, *b*
Radstock, *Lord*, 1800, Waldegrave
Ranelagh, *V.*, 1628, Jones
Ranfurly, *E.*, 1831, Knox*
Rathdonnell, *L.*, 1868, McClintock
Rendlesham, *Lord*, 1806, Thellusson
Roden, *E. of*, 1771, Jocelyn*
Rokeby, *L.*, 1777, Montagu
Rosse, *E. of*, 1806, Parsons *b*
Rossmore, *Lord*, 1796, Westenra*
Sefton, *Earl of*, 1771, Molyneux*
Shannon, *E. of*, 1756, Boyle*
Sheffield, *Earl of*, 1816, Holroyd*
Sherard, *Lord*, 1627
Sligo, *Marquis of*, 1800 Browne*
Southwell, *Vis.*, 1776
Taaffe, *Vis.*, 1628
Talbot de Malahide, *L.*, 1831, Talbot*
Teignmouth, *Lord*, 1797, Shore
Templetown, *V.*, 1806, Upton *b*
Trimleston, 1461, Barnewall
Valentia, *V.*, 1622, Annesley
Ventry, *L.*, 1800, de Moleyns *b*
Wallscourt, *L.*, 1800, Blake
Waterford and Wexford, *Earl of*, 1446, Talbot*
Waterford, *Marq. of*, 1789, Beresford*
Waterpark, *Lord*, 1792, Cavendish
Westcote, *Lord*, 1776, Lyttelton*
Westmeath, *Earl of*, 1621, Nugent
Wicklow, *Earl of*, 1793, Howard *b*
Winterton, *Earl of*, 1766, Turnour

* Marked thus are Peers of the United Kingdom. † Marked thus are Peers of Scotland.
b Marked thus are Representative Peers.

MEMBERS OF THE PRIVY COUNCIL.

* Members of Judicial Committee. † Assessors in Ecclesiastical Causes. ‡ Indian Assessor.
‖ Paid Judges, appointed under 34 and 35 Vict., cap. 91.

PRINCES & HIGH DIGNITARIES.

Prince of Wales
Duke of Edinburgh
Duke of Connaught
Prince Leopold
Duke of Cambridge
†Archbishop of Canterbury
*Lord High Chancellor, Earl Cairns
†Archbishop of York
*Duke of Richmond and Gordon (President of the Council)
Earl of Beaconsfield (First Lord of the Treasury)
Duke of Northumberland (Lord Privy Seal)

DUKES.

Abercorn
Argyll
Beaufort
*Buccleuch
*Buckingham and Chandos
Devonshire
*Marlborough
St. Alban's
Somerset
Wellington

MARQUESSES.

Ailesbury
Donegall
Exeter
Hertford
Normanby
*Ripon
Salisbury

EARLS.

Beauchamp
Bessborough
Bradford
Carnarvon
Cork and Orrery
Coventry
Cowley
Cowper
Derby
Devon
Ducie
Dufferin
*Granville
Grey
Hardwicke
Harrowby
Ilchester
Kenmare
Kimberley
Malmesbury
Northbrook
Sandwich
Spencer
Strafford
Sydney
Tankerville
Wilton

VISCOUNTS.

Barrington
Cardwell
Cranbrook
Eversley
Falkland
Halifax
Monck
Stratford

BISHOP.

†London

TITULAR LORDS.

Lord O. Fitzgerald
Lord R. Grosvenor
Ld. Claud Hamilton
Ld. Geo. Hamilton
Marq. of Hartington
Lord H. Lennox
Lord Aug. Loftus
Marq. of Lorne
Lord John Manners
Lord Rbt. Montagu
Lord Clarence Paget
Earl Percy
Lord Odo W. Russell
Viscount Sandon
Lord H. Somerset
Lord H. Thynne

BARONS.

*Aberdare
Ashford
Belper
Blachford
*Blackburn
Bloomfield
Carlingford
*Coleridge
Colville
Cottesloe
De Tabley
Ebury
Emly
Forester
*Gordon
Hammond
Hampton
*Hatherley
Howard of Glossop
Lawrence
Lyons
Moncreiff
Monson
Napier and Ettrick
Norton
*Penzance
Poltimore
*Selborne
Skelmersdale
Winmarleigh
Wolverton

COMMONERS.

Hon. H. B. W. Brand (Speaker of the House of Commons)
W. P. Adam
*Sir R. P. Amphlett
A. S. Ayrton
*Sir R. Baggallay
H. J. Baillie
W. E. Baxter
Sir M. E. Hicks-Beach, Bt.
G. A. F. C. Bentinck
W. Beresford
*M. Bernard
Hon. E. P. Bouverie
*Sir G. W. W. Bramwell
*Sir B. Brett
John Bright
Sir A. Buchanan
*Sir J. B. Byles
Stephen Cave
H. C. E. Childers
*Sir A. J. E. Cockburn, Bt.
‖Sir R. P. Collier
‖Sir Jas. Colvile
*Sir H. Cotton
*Sir R. Couch
Hon. W. F. Cowper-Temple
R. A. Cross
J. G. Dodson
Hon. Sir H. G. Elliot
*Sir William Erle
Sir J. Fergusson, Bt.
Sir W. R. S. V. Fitzgerald
W. E. Forster
Sir H. B. E. Frere
W. Ewart Gladstone
G. J. Göschen
Sir G. Grey, Bt.
*Sir James Hannen
Sir J. C. D. Hay, Bt.
Sir W. G. Hayter, Bt.
Sir W. Heathcote, Bt.
J. W. Henley
J. G. Hubbard
Sir William Hutt
John Inglis
*Sir Wm. M. James
*Sir G. Jessel
Sir J. Karslake
*Sir H. S. Keating
*Sir Fitzroy E. Kelly
*Sir R. T. Kindersley
E. H. Knatchbull-Hugessen
Gen. Sir W. T. Knollys
J. A. Lawson
Sir A. H. Layard
Robert Lowe
J. Lowther
Gen. Sir E. Lugard
Sir J. M. Macleod
Sir John McNeill
*Sir S. Martin
W. N. Massey
T. Milner Gibson
J. R. Mowbray
Hn. Sir C. A. Murray
*Sir Jos. Napier, Bt.
Hon. G. Noel
Sir S. H. Northcote, Bt.
R. More O'Ferrall
Sir A. B. Paget
John Parker
‖Sir Barnes Peacock
Sir Laurence Peel
Sir Frederick Peel
Lt.-Gen. Jonathan Peel
Sir Robert Peel, Bt.
*Sir R. J. Phillimore
Lyon Playfair
J. A. Roebuck
G. Sclater-Booth
Sir G. H. Seymour
‖Sir M. E. Smith
W. H. Smith
James Stansfeld
Col. Hon. F. A. Stanley
Thomas E. Taylor
Hon. A. H. Thesiger
Sir E. Thornton
Hon. C. P. Villiers
S. H. Walpole
W. Watson
Hon. J. A. S. Wortley
George Young

Registrar of the Council—Henry Reeve, C.B.
Clerk of the Council—Charles Lennox Peel.
Deputy—E. S. Harrison, C.B.

ENGLISH BISHOPS AND DEANS OF CATHEDRAL CHURCHES.

Consec.	Archbishops.	Sees.	An.	In room of	Deans.
1856	A. C. Tait, D.D. .... *Primate of all England*	*Canterbury*	1868	Longley, *dec.*	R. Payne Smith, D.D.
1861	William Thomson, D.D. *Primate of England* ..	*York*	1863	Longley, *tr.*.	Hon. A. Duncombe, D.D.
	Bishops.				
1853	John Jackson, D.D...	*London*	1869	Tait, *tr*....	R. W. Church, D.C.L., *St. Paul's*. A.P.Stanley, D.D., *West*,
1856	Charles Baring, D.D.	*Durham*	1861	Villiers, *dec.*	W. C. Lake, D.D.
1864	E. Harold Browne, D.D.	*Winchester*..	1873	Wilberforce, *de.*	John Bramston, M.A.
1849	Alfred Ollivant, D.D.	*Llandaff*....	1849	Copleston, *dec.*	H. L. Blosse, M.A.
1857	Robt. Bickersteth, D.D.	*Ripon*	1856	Longley, *tr.* ..	W. R. Fremantle, D.D.
1857	Hon. J. T. Pelham, D.D.	*Norwich*....	1857	Hinds, *res.* ..	E. M. Goulburn, D.D
1859	J. C Campbell, D.D	*Bangor*	1859	Bethell, *dec.* ..	H. T. Edwards, M.A
1861	Henry Philpott, D.D.	*Worcester* ..	1861	Pepys, *dec.* ..	Hon. G. M. Yorke, M.A.
1863	C. J. Ellicott, D.D...	*Glouc. & Bris.*	1862	Thomson, *tr.*	Henry Law, M.A., *Gl.* G. Elliot, D.D., *Br.*
1865	William Jacobson, D.D.	*Chester*	1865	Graham, *dec.*	J. S. Howson, D.D.
1867	Thomas Claughton, D.D.	*St. Alban's*..	1877	*Revived See.*	
1868	James Atlay, D.D. ..	*Hereford*....	1868	Hampden, *dec.*	Hon. G. Herbert, M.A.
1868	Wm. C. Magee, D.D.	*Peterborough*	1868	Jeune, *dec.* ..	J. J. S. Perowne, D.D.
1868	Chris. Wordsworth, D.D.	*Lincoln*	1868	Jackson, *tr.* ..	J. W. Blakesley, B.D.
1869	Geo. Moberly, D.C.L.	*Salisbury* ..	1869	Hamilton, *dec.*	H. P. Hamilton, M.A.
1869	Ld. A. C. Hervey, D.D.	*Bath & Wells*	1869	Ld. Auckland *res.*	G. H. S. Johnson, M.A.
1869	Fred. Temple, D.D. ..	*Exeter*	1869	Phillpotts, *dec.*	Archibald Boyd, D.D.
1869	Harvey Goodwin, D.D	*Carlisle*	1869	Waldegrave, *dec.*	Francis Close, D.D.
1869	J. F. Mackarness, D.D.	*Oxford*	1869	Wilberforce, *tr.*	H. G. Liddell, D.D.
1870	James Fraser, D.D. ..	*Manchester* .	1870	J. P. Lee, *dec.*	B. M. Cowie, B.D.
1870	Rich. Durnford, D.D.	*Chichester* ..	1870	A.T. Gilbert, *d.*	J. W. Burgon, B.D.
1870	Joshua Hughes, D.D	*St. Asaph.* ..	1870	T. V. Short, *d.*	R. M. Bonnor, M.A.
1873	J.R. Woodford, D.D...	*Ely*	1873	Browne, *tr.* ..	C. Merivale, D.D.
1874	W. Basil Jones, D.D...	*St. David's*..	1874	Thirlwall, *res.*	L. Lewellin, D.C.L.
1877	E. W. Benson, D.D. ..	*Truro*	1877	*Revived See.*	
1877	A. W. Thorold, D.D. ..	*Rochester* ..	1877	Claughton, *tr.*	R. Scott, D.D.
1877	R. W. Hill, M.A.	*Sodor & Man*	1877	Powys, *dec.*	
1878	W. D. Maclagan, D.D.	*Lichfield*....	1878	Selwyn, *dec*...	E. Bickersteth, D.D.

Suffragan Bishops;—*Dover*, E. Parry, D.D., 1870; *Guildford*, J. Sulterton, D.D., 1874; *Nottingham*, E. Trollope, D.D., 1877.

The Bishops of London, Durham, and Winchester, rank next to the Archbishops; the rest according to priority of Consecration. The Bishop of Sodor and Man has a seat, but no vote in the House of Lords. The Bishops of Truro, Rochester, and Lichfield, will be entitled to sit and vote as Lords of Parliament, according to priority of consecration, on the avoidance of any other sees than Canterbury, York, London, Durham, or Winchester.

IRISH BISHOPS.

Archbishops.	Sees.	Anno.	In room of.
M. G. Beresford, D.D.	*Armagh and Clogher*	1862	Beresford.
R. C. Trench, D.D.	*Dublin and Kildare*	1864	Whately.
Bishops.			
Lord Plunket, D.D.	*Meath*	1876	Butcher
W. P. Walsh, D.D.	*Ossory, Ferns, and Leighlin* ..	1878	R. S. Gregg.
M. F. Day, D.D.	*Cashel, Emly, Waterford, and Lismore*	1872	Daly.
Robert Knox, D.D.....	*Down, Connor, and Dromore*.	1849	Mant.
W. Fitzgerald, D.D.	*Killaloe, Kilfenora, Clonfert, and Kilmacduagh*	1862	Riversdale.
Robert S. Gregg, D.D.	*Cork, Cloyne, and Ross*	1878	John Gregg.
Charles Graves, D.D.	*Limerick, Ardfert, & Aghadoe*	1866	Griffin.
Hon. Chas. B. Bernard, D.D.	*Tuam, Killala, and Achonry.*	1867	Plunket.
William Alexander, D.D. ..	*Derry and Raphoe*	1867	Higgin.
John R. Darley, D.D.	*Kilmore, Elphin, and Ardagh*	1874	Carson.

SCOTCH BISHOPS.

R. Eden, D.D., *Primus*....	*Moray, Ross, and Caithness*.....	1862
J. D. Cotterill, D.D.	*Edinburgh* (Cons. Bp. of Grahamstown, 1856)....	1871
T. G. Suther, D.C.L.	*Aberdeen and Orkney*	1857
G. R. Mackarness, D.D.....	*Argyll and the Isles*	1874
H. W. Jermyn, D.D.	*Brechin* (Cons. Bp. of Colombo, 1871)	1876
C. Wordsworth, D.C.L.	*St. Andrew's, Dunkeld, and Dunbrane*	1852
W. S. Wilson, D.D.	*Glasgow and Galloway*	1850

INDIAN AND COLONIAL BISHOPS.

APP.	SEES. BISHOPS.
1847	*Adelaide, S. Aust.*, Aug. Short, D.D.
1873	*Algoma*, F. D. Fauquier, D.C.L.
1860	*Antigua*, W. W. Jackson, D.D
1874	*Athabasca*, W. C. Bompas, D.D.
1869	*Auckland*, W. G. Cowie, D.D.
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C. J. Wright, R. Art.
A. Macdonell, CB.
J. A. R. Raines, CB.
J. A. Street, CB.
J. W. S. Smith, CB.

E. S. Claremont, CB.
C. C. Shute, CB.
J. W. Armstrong, CB.
T. S. Conway, CB.
Lord Alfred Paget
W.J.Smythe,R.Art.[R.Art.
Sir C. L. D'Aguilar, KCB.,
R. G. Hamilton, R. Eng.
A. I. Lockhart, CB.
E. B. Hale, CB.
J. A. Ewart, CB.
W. C. Hadden, R. Eng.
W. Parke, CB.
C. L. Barnard, CB., R.Art.
H. E. Longden, CB., CSI.
H. A. Carleton, CB.,R.Art.
H. R. Benson, CB.
Sir J. T. Airey, KCB.
W. H. Bradford
C. L. B. Maitland, CB.
W. T. Layard
J. H. Laye
W. C. Forrest, CB.
A. T. Phillpotts, R.Art.
G. B. Sealy, R.Art. [CB.
Hon. J. W. B. Macdonald,
R. J. Baumgartner, CB.
G. C. Clarke, CB.
C. F. Fordyce, CB.
F. A. Whimper, CB.
R. W. D. Leith, CB.
W. R. Preston
E. Stanton, CB.
T. C. Kelly, CB.
H. F. Ponsonby
E. Ogle, R.Eng.
O. P. Bourke
Geo. Erskine
E. G. Wynyard
T. Pattle, CB.
W. L. Ingall, CB.
C. P. B. Walker, CB.
H. J. Stannus, CB.
A. J. Herbert, CB.
Lord Seaton
J. S. Hawkins, R.Eng.
Sir Alex. Taylor,KCB.,R.E.
R. Maclagan, R.Eng.
Sir A. B. Kemball. KCB.,
KCSI., R.Art.
H. W. Montagu, CB., R.En.
Sir J. H. Lefroy, KCMG.,
C.B,, R.Art.
C.T.Chamberlain,CSI.[VC.
W. Olpherts, CB., R.Art.
H. H. Maxwell, CB., R.Art.
W. D. Aitken, R.Art.
R. G. Taylor, CB., CSI.
C. B. Fuller, R.Art.
A. Fytche, CSI.
Donald M. Stewart, CB.
SirHenryW. Norman,KCB.
Sir G.W. Guy Green, KCB.
R. Hamilton, CB.
Henry J. Barr
Wm. T. Hughes, CB.
Sir Hen. Daly, KCB.
John L. Vaughan, CB.
Sir S. J. Browne, KCS, CB.
C. Cureton, C.B. [V.C.
Wm. M. Marriott, CSI.
Chas. A. Barwell, CB.
Sir A. P. Phayre, GCMG.,
Henry Nott [KCSI., CB.
C. Douglas, R. Art.
J. T. Shakespear
W. G. Suther, CB., R.Mar.
Robt. Pratt CB. [R.Eng.
Sir M. K. Kennedy, KCSI.,
1878.
T. A. Carey
Hon. L. Smyth, CB.
F. C. A. Stephenson, CB.
E. A. Whitmore, CB.
Lord A. G. Russell, CB.
Sir G. J.Wolseley, GCMG.,
W. B. Salmon [KCB.
C. J. C. Mills
C. Fanshawe, R. Eng.
Sir J. J. Hort, Bart., CB.
J. K. Spence.

Major-Generals.

1868.
H. G. Rainey, CB.
J. A. Cole
R. W. Lacy
F. F. Maude, CB., VC.
E. H. Maxwell, CB.
J. M'N. Walter, CB.
J. E. Thackwell, CB.
J. E. Addison
Edmund Roche
W. Inglis, CB.
L. Shadwell, CB.
C. J. Foster, CB.
G. F. S. Call, CB.
R. Bruce
R. Y. Shipley, CB.
J. E. Collings, CB.
R. Budd
H. Bingham
H. Hamilton, CB.
T. Addison, CB.
J. M. Primrose, CSI.
F. R. Elrington, CB.
G. W. Walker, R. Eng.
C. L. Nugent
P. A. Butler, CB.
R. O. Bright, CB.
E. W. D. Bell, CB., VC.
W. Sankey, CB.
E. Wodehouse
Fowler Burton, CB.
W. Gordon, CB.
G. H. S. Willis, CB.
J. H. Wingfield
Lord A. C. L. FitzRoy, CB.
Jas. Daubeny, CB.
R. Warden, CB.
C. H. Morris, CB.
C. W. Thompson
M. Bruce
J. R. Glyn, CB.
A. Scudamore, CB.
Sir J. M.Adye,KCB.,R.Art.
R. W. M. Fraser
E. Price, CB., R. Art.
G. W. P. Bingham, CB.
J. Conolly, CB.
W. Hope, CB.
W. F. Curtis
J. A. Ballard, CB., R.Eng
W. A. Crommelin, CB.,
T. E. Knox, CB. [R. Eng.
W. J. Loftus, CB.
J. W. Domville, R. Art.
E. W. Donovan
H. P. Hepburn, CB.
R. M. Best
R. Knox
W. J. Chamberlayne
J. E. T. Nicholls, R. Eng.
D. Anderson
F. G. Wilkinson
W. P. Radcliffe, CB.
T. H. Pakenham
F. A. Campbell,CB., R. Art.
W. Payn, CB.
T. Ross
H. E. Weare, CB.
H. M. Hamilton, CB.
H. P. Goodenough, R. Art.
J. Turner, CB., R. Art.
Lord Chelmsford, CB.
B. Harrison
E. W. D. Lowe, CB.
P. C. Penrose, CB., R. Mar.
Hon. Aug. G. C. Chichester
W. A. Stratton
W. H. Seymour, CB.
S. Westmacott, R. Eng.
Sir W. Russell, Bart., CB.
1869.
Sir. F. W. J. FitzWygram,
J. C. Guise, CB., VC. [Bt.
J. W. Cox, CB.
F. H. Rundall, CSI., R.Eng.
H. L. Gardiner, R. Art.
M. A. S. Biddulph, CB.,R.A.
A. A. Chapman
G. W. A. Higginson, CB.
R. Hume, CB.
C. W. Green
A. Browne, CB.
F. Peyton
B. O'Brien, CB.
R. P. Radcliffe, R. Art.
C. W. Younghusband, CB.,
R. Art.
E. B. Hamley, CB., R. Art.
S. E. Gordon, CB., R. Art.
Hon. E. T. Gage, CB., R.A.
C. S. Henry, CB., R. Art.
C. Adams, CB.
G. W. T. Rich, CB.
J. W. Thomas, CB.
W. T. Dickson
W. Wilby, CB.
H. H. Greer, CB.
H. Bird
R. Carey, CB.
R. W. Lowry, CB.
T. Lightfoot, CB.
Hon. H. H. Clifford, CB
H. D. O'Torrens, CB.
W. F. Maclean.
W. A. Fyers, CB.
1870.
W. Drysdale, CB.
H. H. Crealock, CB.
J. N. Sargent, CB.
C. Sawyer.
R. G. A. Luard
E. Seager, CB.
Lord de Ros
H. R. Browne

T. R. Crawley
A. Thompson, R. Art.
W. H. Kirby
G. J. Peacocke
J. R. S. Sayer, CB.
W. C. Menzies, R. Eng.
Sir R. M. Laffan, KCMG., C. R. Eng.
A. C. Robertson, CB.
J.F.M.Browne,CB.,R.Eng.
A. M'I. M'Donald
R. White, CB.
J. B. Spurgin, CB., CSI.
D. J. Gamble, CB.
G. B. Milman, CB.
E. H. Fisher, R. Art.
Lord Clarina
J. Ross, CB.
W. F. Brett
R. B. Hawley, CB.
F. A. Willis, CB.
F. Carey
C. E. P. Gordon, CB.
R. S. Baynes [R. Art.
H. E. L. Thiullier, CSI.,
H. R. Norman, CB.
G. G. C. Stapylton
G. C. Vialls, CB.
J. H. C. Robertson
Hon. P. R. B. Feilding, CB.
W. T. L. Patterson
J. G. R. Aplin
C. Hood
C. C. Fraser, CB., VC.
R. J. Eager, CB.
Hon. S. J. Gough Calthorpe

1877.

G. M. Hill
T. Stock
G. Jackson
R. N. Raikes
G. Selby, R. Art.
G. Verner
E. Wray, CB., R. Art.
Hon. Sir H. Ramsay, KCS., [ICB.
A. Boyd
R. C. Lawrence
H. Nicoll
J. Worgan, R. Art.
W. S. Hatch, R. Art.
A.W. Macintire, CB ,R.Art.
J. G. Petrie, CB., R. Art.
G. A. Fisher
C. Cooke
J. Wilson
S. H. Becher
F. D. Atkinson
A. K. Gore
C. Harris
F. H. Scott
J. S. D. Tulloch
G. W. Russell
M. C. Spottiswoode
H. Man
C. L. Showers
A. Turner
H. P. de Teissier, R. Art.
C. H. Dickens, CSI.,R.Art.
D. C. Vanrenen, R. Art.
F. W. Swinhoe, R. Art.
W. C. R. Macdonald, CB.
C. F. M. Mundy, Beng. S. C.
A. R. Thornhill, Mad. S.C.
J. P. Redmond, CB.
E. G. Bulwer, CB.
J. C. Brooke
R. Woolley
E. T. Dalton, CSI.
H. Le G. Bruce, CB.,R.Art.
L. Nicholson, CB., R. Eng.
Hn. H. Keane, CB., R.Eng.
Marquis Conyngham
W. Hardy, CB.
J. Walpole D'Oyly
A. T. Cadell, R. Art.
E. Fellowes
R. Richards
C. S. Hutchinson
J. H. F. Elkington
A. F. Steele
A. H. Lane Fox
H. Grierson
S. F. C. Annesley
Hon. J. J. Bourke
Sir A. Alison, Bt., KCB.
L. Farrington
J. Bayly, CB., R. Eng.
Sir W. F. D. Jervois, GCM., CB., R. Eng.
G. B. Rodney, CB., R. M.
P. H. Fellowes, R. M.
J. W. C. Williams, R. M. A.
A. B. Hankey
T. Raikes, CB.
E. Newdigate
Lord Abinger, CB.
C. W. Adair, CB., R. M.
W. W. H. Greathed. CB.,R.
C. R. W. Hervey,CB. [Eng.
J. G. Gastrell
G. N. K. A. Yonge
A. W. H. Meyrick
F. Marshall
J. H. Stewart, R.M.
A. Bassano, CB.
H. St. C. Wilkins, R. Eng.
G. W. Forbes, R.M.

1878.

T. Thompson
W. H. B. de Horsey
Sir H. M. Havelock, Bt. VC.
R. B. Pretyjohn
Conyers Tower
Martin Dillon, CB., CSI.
S.J.K.Whitehill, Com. S.C.
W. G. Cameron, CB.
T. L. J, Gallwey, R. Eng.
G. A. Leckie
C. Baring

EAST INDIAN ARMY.

Generals.

1877.

Sir N. B. Chamberlain, GCB., GCSI.
James Travers, VC., CB.
P. T. Cherry
R. Shubrick
W. B. Wemyss
Sir E. L. Russell, KCSI.
G. W. Bishop

1878.

G. de Sausmarez

Lieutenant-Generals.

1877.

H. W. Blake
W. F. Nuthall
A. R. Manson
J. Forbes, CB.
J. C. Innes
H. Milne
G. S. Montgomery, CSI.
W. P. Hampton
H. E. S. Abbott [KCSI.
Sir D. M. Probyn VC., CB.,
B. Boyd
J. Liptrott
J. Barrett

1878.

Edw. Patrick Lynch

Major-Generals.

1872.

S. F. Macmullen

1873.

B. R. Powell
G. Sturrock

1875.

W. Vine.

1876.

W. G. Owen

1877.

S. B. Faddy
R. A. Doria
G. Caulfield
F. F. Warden
D. S. Dodgson, CB.
W. H. Freese
A. C. Silver
J. P. Coode
E. D. Watson
J. W. Schneider
D. Hamilton
D. Brown
G. S. Dobbie
A. N. Rich
H. A. Adams

ARMY AGENTS.

London.

Codd, E. S., 35, Craven-street, W.C.
Cox & Co., Craig's-court, Charing Cross
Draper, E. T., 12, Buckingham-st., Strand
Holt, V. W., 17, Whitehall-place, S.W.
Hopkinson & Sons, 3, Regent-street, S.W.
Lawrie, A., 70, Jermyn-street, S.W.
M'Grigor, Sir C. R., Bart., & Co., 25, Charles-street, St. James's-square, S.W.
Price & Boustead, 34, Craven-street, Strand, W.C.
Ridgway & Sons, 2, Waterloo-place, S.W.

Dublin.

Borough (Sir E. R., Bart.) & Co., 28, College-green
Cane, Rich., & Sons, 60, Dawson-street

THE ROYAL NAVY.

(Active List.)

FLAG OFFICERS.

Admirals of the Fleet—Sir George Rose Sartorius, KCB., 1869; Sir P. W. P. Wallis, GCB., 1875; Hon. Sir Henry Keppel, GCB., 1877.

Admirals.

1870.
Sir James Hope, GCB.
Sir Alex. Milne, Bt., GCB.
Sir S. Colpoys Dacres, GCB.

1871.
Sir R. Spencer Robinson, KCB., FRS.
Sir T. M. C. Symonds, KCB.

1872.
Sir A. L. Kuper, GCB.

1873.
Hon. C. G. J. B. Elliot, CB.

1875.
Sir G. St. Vincent King, KCB.
G. Greville Wellesley, CB.

1876.
E. Gennys Fanshawe, CB.

1877.
Sir William Loring, KCB.
A. P. Ryder
Henry Chads
Arthur Farquhar
Sir Astley Cooper Key, KCB., FRS.

1878.
Chas. Farrel Hillyar, CB.

Vice-Admirals.

1874.
Edmund Heathcote

1875.
G. Ph. Hornby, KCB.
Sir Chas. F. A. Shadwell, KCB., FRS.
Sir Wm. King Hall, KCB.
Sir E. A. Inglefield, CB., FRS.

1876.
Arthur Cumming, CB.
Robert Coote, CB.
Sir W. Houston Stewart, KCB.
Hon. A. A. Cochrane, CB.
Sir F. B. Paget Seymour, KCB.

1877.
Sir R. J. J. Geo. Macdonald, KCSI.
Sir F. L. McClintock, Kt., FRS.
H. S. Hillyar, CB.
George G. Randolph, CB.
Rt. Hn. Lord John Hay, CB.

1878.
E. Bridges Rice
Rowley Lambert, CB.

Rear-Admirals.

1873.
Thomas Miller

1874.
Aug. Phillimore
G. Ommanney Willes, CB.

1875.
W. G. Luard, CB.
John Corbett, CB.
E. W. Turnour, CB.
A. F. R. De Horsey
Henry Boys.
Robert Jenkins, CB.
W. M. Dowell, CB.

1876.
A. W. A. Hood, CB.
Charles Fellowes, CB.
Charles Wake
Sir J. E. Commerell, KCB.
Rt. Hon. Lord Gilford, CB.
Hon. F. A. C. Foley.
His Serene Highness Prince of Leiningen, GCB.

1877.
F. H. Stirling
C. W. Hope
W. G. Jones, CB.
Hon. H. C. Glynn, CB, CSI.
R. V. Hamilton, CB.
C. L. Waddilove
J. D. M'Crea

1878.
L. E. H. Somerset
J. E. Montgomerie, CB.
Sir W. N. W. Hewett, KCB.
A. Mc.L. Lyons

NAVY AGENTS.

Banton & Mackrell, 26, Budge-row, E.C.
Burnett & Co., 17, Surrey-st., Strand, W.C.
Case & Loudonsack, 1, James-st., Adelphi, W.C.
Chard, W. & E., 3, Clifford's Inn, E.C.
Hallett & Co., 7, St. Martin's-place, Charing Cross, S.W.
Hildreth & Ommanney, 41, Norfolk-st., [Strand, W.C.
O'Byrne Brothers, 18, Adam-st., W.C.
Ommanney, Octavius, 41, Norfolk-st., W.C.
Stilwell & Co., 22, Arundel-st., Strand, W.C.
Vernon & Co. (late Collier & Snee), 23, Regent-street, W.
Woodhead & Co., 44, Charing Cross, S.W.
Draper, E. T., *(for Royal Marines,)* 12, Buckingham-street, Strand.

ROYAL MILITARY COLLEGE, AND STAFF COLLEGE, SANDHURST.

Post Address, Farnborough Station, Hants.
President.—Duke of Cambridge, K.G.
Gov.—Gen. W. C. E. Napier.
Commandant & Sec.—Col. F. D. Middleton
Chaplain.—Rev. W. R. Beach, M.A.
Surgeon.—Dep.-Sur-.Gen., T. Fraser, M.D.

Professors and Instructors.

Fortification.—Capts. E. D. C. O'Brien, C. H. C. Halkett, R. H. Williams, B. O. Seton, H. Cautley, K. R. Todd, W. B. Hurst, and L. K. Scott
Military Survey.—Maj. W. Paterson, Maj. E. A. Anderson, Capts. C. W. Fothergill, R. L. Leir, W. F. Gatacre, Lt. A. M. De lavoye, Capt. H. E. Gautler, Capt. C. H. Bunbury, and Capt. R. O. de Montmorency
Tactics.—Capts. C. C. King, S. C. Pratt, L. F. B. Cary, B. G. Hall, N. L. Walford, G. Campbell, E. J. Courtenay, and Maj. H. M. Moorsom

STAFF COLLEGE.

Commandant.—Col. C. G. Creagh-Osborne, CB.

Professors and Masters.

Military History.—Maj. A. W. J. Montgomerie
Fortification & Art.—Lt.-Col. L. A. Hale
Mil. Drawing and Surveying.—Col. S. B. Farrell
Mil. Administration—Lt.-Col. C. Parsons
Mathematics.—Rev. J. F. Twisden, M.A.
French.—Mons. A. Aigre de Charente
German.—Herr C. Jeep
Hindustani.—Major J. Duncan
Geology.—T. R. Jones, F.R.S., F.G.S.
Chem. and Nat. Phil.—E. Atkinson, Ph.D. F.C.S.

ROYAL MIL. ACADEMY, WOOLWICH.

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Governor.—Maj.-Gen. Sir J. M. Adye, K.C.B., R.A.
Sec. & Treas.—Col. W. D. Marsh, R.E.
Chaplain and Classical Instructor.—Rev. J. Bond, M.A.

Professors.

Mathematics.—M. W. Crofton, B.A., F.R.S.
Fortification.—Capt. E. M. Lloyd, R. Eng.
Military Drawing.—Capt. F. Roberts, R.A.
Mil. Hist.—Capt. E. Clayton, R. Art.
Artillery.—Capt. J. Sladen, R. Art.
Landscape Drawing.—William Clifton
German.—C. H. Schaible, Ph.D., M.D.
French.—Theo. Karcher, LL.B.
Chemistry.—C. L. Bloxam

R. NAV. COLLEGE, GREENWICH.

Governor.—Rt. Hon. W. H. Smith, M.P.
President.—Vice-Admiral Sir C. F. A. Shadwell, K.C.B., F.R.S.
Captain.—Capt. C. E. Domville
Dir. of Studies.—Dr. T. A. Hirst, F.R.S.
Mathematics.—R. K. Miller, M.A.—*Assistant Prof.*, C. J. Lambert, M.A.
Applied Mechanics.—J. H. Cotterill, M.A.
Physics.—A. W. Reinold, M.A.
Chemistry.—Dr. H. Debus, F.R.S.
Fortification.—Capt. J. L. Needham, R.M.A.—*Math. and Naval Instructor and Lect. in Meteorology, and Naval History*—J. K. Laughton, R.N., M.A.
Instructors.—*Nautical Astronomy and Navigation*, T S. Oborn, R.N., Rev. F. Davies, M.A., W. T. Littlejohns, T. O'Connor, M.A., R.N.—*Mathematics*, W. Gleed, B.A., R. Solomon, B.A., O.B. Martyn, B.D.—*French*, Prof. C. Cassal, J. Penon—*German*, E. Oswald, M.A., Ph.D.—*Spanish*, Senor Vives—*Nautical Surveying*, Staff-Comm. V. F. Johnson—*Steam*, Eng. J. Yeo—*Applied Mechanics*, Assistant Engineer T. A. Hearson, F.R.S.N.A., R.N.—*Dem. in Physics*, A. Haddon—*Chemistry*, T. Wills—*Naval Architecture*, W. K. White, F.R.S.N.A.—*Marine Engineering*, R. J. Butler, R.N.—*Marine Engine Drawing*, J. Maxton—*Freehand Drawing*, A. A. Hunt
Med. Officer, G. W. Armstrong
Storekeeper and Cashier.—F. Huskisson
Senior Clerk.—F. E. Raven
Clerk and Librarian.—J. F. Cherry

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Commandant.—Lt.-Col. H. B. J. Wynyard
Sec. and Adj.—Lt.-Col. T. B. Speedy
Surgeon.—Dep. Ins. Gen. F. H. Baxter, M.D.
Chaplains.—Rev. W. A. Neville, M.A., Rev. J. M. Hamilton, M.A.
Head Master.—John H. Gibbons

ARMY MEDICAL SCHOOL, NETLEY.

President.—Sir W. M. Muir, K.C.B., M.D.
Professors.—*Mil. Surg.*, Surg.-Gen. T. Longmore, C.B.—*Mil. Med.*, Insp.-Gen. W. C. Maclean, M.D., C.B.—*Mil. Hygiene*, Surg.-Maj. F. S. B. F. de Chaumont, M.D.—*Pathology*, W. Aitken, M.D., F.R.S.—*Naval Hygiene*, Dep.-Insp.-Gen. J. D. Macdonald, M.D., F.R.S., R.N.—*Sec.*, H. T. G. Borchert.

ROYAL HOSPITAL, CHELSEA.

Governor.—Gen. Sir Patrick Grant, G.C.B., G.C.M.G.
Major and Lt. Gov.—Col. R. H. Gall, C.B.
Secretary.—Maj. Gen. Geo. Hutt, C.B.
Chaplain.—Rev. Sydney Clark, M.A.
Physician and Surg.—J. A. M'Munn, M.D.
Adjutant.—Capt. & Hon. Maj. John J. C. Irby

ROYAL MILITARY ASYLUM, CHELSEA.

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Sec. and Adjutant—Lt.-Col. H. Mackenzie
Quartermaster and Paymaster.—W. Macdonnell
Med. Officer.—J. B. St. C. Crosse
Chaplain.—Rev. H. Huleatt, M.A.

ROYAL HOSPITAL, GREENWICH.

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Chaplain.—Rev. John Cawston, R.N.
Curator of Painted Hall.—S. A. Hart, R.A.

GREENWICH HOSPITAL SCHOOL.

Supt.—Staff Com. C. Burney, R.N.
Medical Officer.—G. W. Armstrong
Clerk.—E. A. Domville
Head Master.—A. Escott

COURT OF APPEAL—HOUSE OF LORDS.

Rt. Hon. Earl Cairns, *Lord High Chancellor*—Rt. Hon. Lord Blackburn and Rt. Hon. Lord Gordon, *Lords of Appeal in Ordinary*.

SUPREME COURT OF JUDICATURE.

COURT OF APPEAL.

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Queen's Bench Division—Rt. Hon. Sir A. J. E. Cockburn, Bt., G.C.B., *L.C.J.*, Sir John Mellor, Sir Robert Lush, Sir W. V. Field, Sir H. Manisty.

Common Pleas Division—Rt. Hon. Lord Coleridge, *L.C.J.*, Sir W. R. Grove, Hon. G. Denman, Sir N. Lindley, Sir H. C. Lopes.

Exchequer Division—Right Hon. Sir FitzRoy E. Kelly, *L.C.B.*, Sir Anthony Cleasby, Sir C. E. Pollock, Sir J. W. Huddleston, Sir H. Hawkins.

Probate, Divorce, and Admiralty Division—Rt. Hon. Sir J. Hannen, Rt. Hon. Sir R. J. Phillimore, D.C.L.

LAW OFFICERS.

Attorney-Gen., Sir John Holker, Q.C., M.P.

Solicitor-General, Sir Hardinge S. Giffard, Q.C., M.P.

ECCLESIASTICAL COURTS.

Judge appointed under the Public Worship Regulation Act—Rt. Hon. Lord Penzance.

Vicar-General's Office—*Vicar-Gen.*, J. P. Deane, D.C.L.—*Registrar*, J. Hassard.

CONSISTORY COURT.

Judge—Worshipful T. H. Tristram, Q.C., D.C.L.

Admiralty Advocate—J. P. Deane, Q.C., D.C.L.

Registrar—H. C. Rothery.

BANKRUPTCY COURT.

Chief Judge—Hon. Sir James Bacon.

Senior Registrar—William Hazlitt.

Registrars—J. R. Brougham, W. P. Murray, P. H. Pepys, Hon. W. C. Spring Rice.

COUNTY COURTS.

County Courts Department, Treasury, S.W.

Superintendent—Henry Nicol; *Assistant*—Q. W. F. Twiss.

District Towns and Judges.

The Courts against which asterisks are placed are held but once in two months: those printed in italics have jurisdiction in bankruptcy under the new Act 32 and 33 Vic., cap. 71 (9th August, 1869).

Circuit No. 1: *Alnwick, *Belford, *Bellingham, *Berwick, Gateshead, *Hexham, Morpeth, *Newcastle*, North Shields, Rothbury, *Wooler—Judge, Thos. Bradshaw, South Bailey, Durham.

No. 2: Bishop's Auckland, *Durham*, Hartlepool, Seaham Harbour, Shotley Bridge, South Shields, *Sunderland*, *Wolsingham—Judge, E. J. Meynell, Durham.

No. 3: *Alston, *Ambleside, *Appleby, Barrow-in-Furness, *Brampton, *Carlisle*, *Cockermouth*, Haltwhistle, *Kendal*, *Keswick, Kirkby Lonsdale, Penrith, *Settle, *Ulverstone*, *Whitehaven*, Wigton—Judge-T. Hastings Ingham, Skipton.

No. 4: *Blackburn*, Chorley, Clitheroe, *Garstang, *Haslingden and Accrington, *Kirkham, Lancaster, Poulton-le-Fylde, *Preston*—Judge, William Adam Hulton, Preston.

No. 5: *Bolton*, Bury, *Oldham*, Rochdale, Bacup—Judge, Crompton Hutton, Outwood Lodge, Prestwich, Manchester.

No. 6: *Liverpool*, Ormskirk, Southport, St. Helens—Judges, T. P. E. Thompson, Gateacre, near Liverpool; J. F. Collier, 45, Canning Street, Liverpool.

No. 7: Altrincham, *Birkenhead*, Leigh, Northwich, Runcorn, *Warrington*, *Wigan*—Judge, W. Wynne Ffoulkes, Old Northgate House, Upper Northgate-street, Chester.

No. 8: *Manchester*, Salford—John A. Russell, Q.C., 2, Harcourt Buildings, Temple, E.C.

No. 9: *Ashton*, Congleton and Sandbach, *Hyde*, *Macclesfield*, Nantwich and Crewe, *Stockport*, Whitchurch—Judge, Joseph St. John Yates, Wellbank, Sandbach.

No. 10:—*Absorbed in other Circuits.*

No. 11: *Bradford*, *Burnley*, Colne, Keighley, Leeds (conjointly with Serj. Tindal Atkinson), Otley, Skipton—Judge, W. T. S. Daniel, Q.C., Thorleby House, Skipton.

No. 12: *Dewsbury*, *Halifax*, Holmfirth, *Huddersfield*, Saddleworth, Todmorden—Judge, J. W. De Longueville Giffard, Whitewindows Hall, Sowerby, Yorkshire.

No. 13: Glossop, Rotherham, *Sheffield*—Judge, T. Ellison, Barbot Hall, Rotherham.

No. 14: *Leeds* (conjointly with Mr. W. T. S. Daniel, Q.C.), *Wakefield*—Judge, Serjeant H. T. Atkinson, 3, Dr. Johnson's-buildings, Temple, E.C., and 4, Hyde Villas, Clarendon-road, Leeds.

No. 15: *Barnard Castle, Darlington, *Easingwold, Helmsley, Knaresborough, *Leyburn, *Northallerton*, *Richmond, Ripon, *Stockton-on-Tees* and *Middlesborough*, Stokesley, *Tadcaster, *Thirsk, *York*—Judge, Edmond Robert Turner, The Mount, York.

No. 16: *Barnsley*, Beverley, *Bridlington, *Goole, *Great Driffield, Hedon, *Howden, *Kingston-upon-Hull*, New Malton, *Pocklington, Pontefract, *Scarborough*, Selby, Whitby—Judge, F. A. Bedwell, Fort Hall, Bridlington Quay.

No. 17: Barton-on-Humber, *Boston*, *Brigg, *Caistor, Gainsborough, *Great Grimsby*, Holbeach, Horncastle, *Lincoln*, Louth, Market Rasen, Sleaford, Spalding, Spilsby—Judge, James Stephen, 4, Norman Place, Lincoln, and The Limes, Highgate, N.

No. 18: *Bingham, *Doncaster, East Retford, Mansfield, Newark, *Nottingham*, Thorne, Worksop—Judge, Rich. Wildman, 12, Lowndes Square, S.W.

No. 19: Alfreton, Ashborne, Bakewell Belper and Ilkeston, *Burton-on-Trent*, Chapel-en-le-Frith and Buxton, *Chesterfield*, *Derby*, Wirksworth—Judge, W. Ffooks Woodforde, Horsley, Derby.

No. 20: Ashby-de-la-Zouch, Bourn, Grantham, *Hinckley, *Leicester*, Loughborough, *Lutterworth, *Market Bosworth, *Market Harborough, Melton Mowbray, Nuneaton, *Oakham, Stamford, *Uppingham—Judge, F. Barrow, 3, Phillimore Gardens, W.

1:*Atherstone, *Birmingham*, *Tamworth — Judge, J. Motteram, Q.C., County Courts, Birmingham, J.P. Warwickshire and Staffordshire.

No. 22: *Alcester, Bromsgrove, Chipping Norton, *Coventry*, *Daventry, Evesham, Pershore, Redditch, Rugby, Shipston, *Solihull, *Southam, *Stow-on-the-Wold, Stratford-on-Avon, *Warwick*—Judge, Sir Richard Harington, Bart., Whitbourne Court, Worcester.

No. 23: *Bromyard, *Droitwich, *Dudley*, *Great Malvern, *Kidderminster*, *Ledbury, Stourbridge, *Tenbury, *Worcester*—Judge, Rupert A. Kettle, Merridale, Wolverhampton.

No. 24: Abergavenny, *Cardiff*, Chepstow, *Crickhowell, Monmouth, *Newport*, Pontypool, *Ross, *Tredegar*, *Usk—Judge, J. M. Herbert, Rocklands, Ross.

No. 25: *Oldbury*, *Walsall*, *Wolverhampton*—Judge, W. Downes Griffith, County Court, Wolverhampton, and 8, Old-square, Lincoln's Inn, W.C.

No. 26: Cheadle, Leek, Lichfield, Market Drayton, Newcastle-under-Lyme, *Rugeley, *Stoke-upon-Trent* and Longton, *Hanley*, *Burslem* and *Tunstall*, *Stafford*, Stone, Uttoxeter—Judge, W. Spooner, M.A., Walton Lodge, Stafford.

No. 27: *Bishop's Castle, *Bridgenorth, *Cleobury Mortimer, *Hereford*, *Leominster*, Ludlow, *Madeley*, *Newport (Salop), Oswestry, *Shrewsbury*, Wellington, (Salop), *Wem—Judge, J. W. Smith, Q.C., Hereford.

No. 28: *Aberystwith*, *Bala, *Builth, *Corwen, *Dolgelly, *Hay, *Kington, *Knighton *Llanfyllin, *Llanidloes, *Machynlleth, *Newtown*, *Portmadoc, *Presteigne, *Pwllheli, *Rhayader, Welchpool—Judge, Homersham Cox, Marl Field House, Tonbridge.

No. 29: *Bangor* Carnarvon, *Chester*, *Conway, Llandudno, *Denbigh, Holywell, *Llangefni and Holyhead, Llanrwst, Mold and Flint, *Ruthin, St. Asaph and Rhyl, *Wrexham* and Llangollen—Judge, Horatio Lloyd, Sandowne-ter., Chester.

No. 30: *Aberdare*, Brecknock, Bridgend, *Merthyr Tydvil*, *Pontypridd*, *Swansea*—Judge, Thos. Falconer, Usk.

No. 31: *Lampeter, *Aberayron, *Cardigan, *Llandovery, *Llandeilofawr, Llanelly, *Carmarthen*, *Newcastle-in-Emlyn, Narberth, Pembroke Dock, Haverfordwest, *Neath* (in Glamorganshire)—Judge, W. Beresford Alltygog, Carmarthen.

No. 32: *Attleborough, Aylsham, *Downham Market, East Dereham, Ely, *Holt, *King's Lynn*, Little Walsingham and Fakenham alt., *March, *North Walsham, *Norwich*, Soham, *Swaffham, *Thetford, Wisbeach, *Wymondham—Judge, E. Plumer Price, Q.C., 14, Redcliffe-road, South Kensington, S.W.

No. 33: Beccles and Bungay, *Bury St. Edmunds*, Eye and Diss, Framlingham and Saxmundham, *Great Yarmouth*, Halesworth, Harleston, *Ipswich*, Lowestoft, Mildenhall, Stowmarket, Woodbridge—Judge, John Worlledge, Ipswich.

No. 34:—*Absorbed in other Circuits.*

No. 35: Ampthill, *Bedford*, Biggleswade, *Bishop Stortford, *Cambridge*, Hitchin, Huntingdon, *Newmarket, Oundle, *Peterborough*, Royston, *Saffron Walden, *St. Neots, Thrapstone—Judge, Edmond Beales, M.A., Osborn House, Bolton Gardens South, South Kensington, S.W.

No. 36: Abingdon, *Banbury*, *Bicester, *Brackley, Buckingham, *Farringdon, Kettering, Northampton, *Oxford*, *Thame, Towcester, *Wantage, Wellingborough, *Witney, Woodstock—Judge, W. H. Cooke, Q.C., 42, Wimpole Street, W.

No. 37: *Aylesbury*, *Barnet*, Chesham, Henley-on-Thames, High Wycombe, Leighton Buzzard, *Luton*, Newport Pagnell, *St. Albans*, Uxbridge, Wallingford, Watford, *Windsor* — Judge, James Whigham, 52, Cromwell Road, Queen's Gate, South Kensington, S.W.

No. 38: *Braintree, *Brentwood, *Chelmsford*, *Colchester*, *Dunmow, *Edmonton*, *Hadleigh, Halstead, *Harwich, *Haverhill, *Hertford*, *Maldon, *Rochford, Romford, Southend, Sudbury, Waltham Abbey—Judge, J.T. Abdy, LL.D., Great Baddow House, Chelmsford.

No. 39: Whitechapel (Court, Gt. Prescot-street, E.)—Judge, Sir W. B. Riddell, Bart., 50, Queen's Gate, S.W.

No. 40: Shoreditch (Court, 221, Old-street, City-road, E.C.), Bow (Court, Bow-road, E.)—Judge, J. B. Dasent, 15, Warwick-road, Paddington, W.

No. 41: Clerkenwell (Court, 33, Duncan-terrace, City-road. N.)—Judge, Gordon Whitbread, 19, Upper Wimpole Street, W.

No. 42: Bloomsbury (Court, Great Portland-street, W.)—Judge, George Lake Russell, 62, Lowndes Square, W.

No. 43: *Brentford* (Court, at the Town-hall), Brompton (Court, Whitehead's Grove, S.W.), Marylebone (Court, 179, Marylebone-road, W.)—Judge, Mr. Serjeant Wheeler, LL.D., 4, Crown Office Row, Temple, E.C.

No. 44: Westminster (Court, 82, St. Martin's-lane, W.C.)—Judge, Francis Bayley, 66, Cambridge Terrace, W.

No. 45: Chertsey, *Croydon*, *Epsom, Farnham and Aldershot, Guildford and Godalming, *Kingston*, *Newbury*, *Reading*, Hungerford—Judge, Vernon Lushington, Q.C., 36, Kensington Square, W., and Athenæum Club, S.W.

No. 46: Southwark (Courts, Swan-street, Borough, S.E.), *Wandsworth* (South-street, Wandsworth, S.W.)—Judge, H. J. Stonor, Henley Lodge, Clapham Common, S.W.

No. 47: *Greenwich* (Court, Burney-street, S.E.), Lambeth (Court, Camberwell New Road, S.E.), Woolwich (Court, Brewer-street, S.E.)—Judge, John Pitt Taylor, 58, Eccleston Square, S.W.

No. 48: Bromley, Dartford, Gravesend, *Maidstone*, *Rochester*, Sevenoaks, Sheerness, Tonbridge, *Tonbridge Wells*—Judge, J. J. Lonsdale, Sandgate, Kent.

No. 49: Ashford, *Canterbury*, *Deal, Dover, Faversham, Folkestone, *Hythe, Margate, Ramsgate, *Romney, *Sandwich, Sittingbourne, Tenterden, and Cranbrook—Judge, George Russell, 19, Clifton Crescent, Folkestone.

No. 50: *Brighton*, *Hastings*, *Lewes*, Chichester, Cuckfield, *Rye, *Dorking, *Reigate, East Grinstead, Worthing, Horsham, Petworth, Midhurst, Arundel—Judge, A. Martineau, Oxford and Cambridge Club, Pall Mall, S.W.

No. 51: *Alton, Andover, Basingstoke, *Bishop's Waltham, *Newport* (I.W.), and Ryde, *Petersfield, *Portsmouth*, *Romsey, *Southampton*, Winchester—Judge, P. M. Leonard, 7, Tilney-st., Park-lane, and Athenæum Club, Pall Mall, S.W.

No. 52: *Bath*, Bradford and Trowbridge, *Calne, Chippenham, Chipping Sodbury, Devizes, *Frome*, Marlborough, *Melksham, *Swindon*, Temple Cloud, Warminster, *Westbury—Judge, C. F. D. Caillard, Wingfield House, near Trowbridge, Wilts.

No. 53: *Cheltenham*, Cirencester, Dursley, *Gloucester*, Malmesbury, *Newent, Newnham, *Northleach, Stroud, *Tewkesbury, Thornbury, *Winchcomb—Judge, C. Sumner, Hempsted Court, Gloucester.

No. 54: Axbridge, *Bristol*, Wells, Weston-super-Mare—Judge, R. A. Fisher, Bristol County Court.

No. 55: Blandford, *Bournemouth. Bridport, *Christchurch, Crewkerne, *Dorchester*, *Fordingbridge, *Lymington, *Poole*, *Salisbury*, Shaftesbury, *Wareham, Weymouth, *Wimborne Minster, Wincanton, Yeovil—Judge, T. E. P. Lefroy, Bournemouth.

No. 56:—*Absorbed in other Circuits.*

No. 57: *Axminster, *Barnstaple*, Bideford, Bridgewater, Chard, Honiton, Langport, *South Molton, Taunton, Tiverton, *Torrington, Wellington, Williton—Judge, Serjeant Petersdorff, 23, Harley Street, W.

No. 58: Crediton, *East Stonehouse*, *Exeter*, *Kingsbridge, Newton Abbot and Torquay, *Oakhampton, Tavistock, Totnes and Churston Ferrers—Judge, M. Fortescue, Dawlish.

No. 59: Bodmin, Camelford, Falmouth, Helston, Holsworthy, Launceston, Liskeard, Penzance, Redruth, St. Austell, St. Columb Major, *Truro*—Judge, M. Bere, Q.C., Grimstone, Horrabridge, S. Devon.

City of London Court (Court, Guildhall-Buildings)—Judge, R. M. Kerr, 1, Elm Court, Temple, E.C.

POLICE OFFICE.

4, Whitehall-place, and Scotland-yard. Chief Commissioner—Lt.-Col. Sir Edmund Y. W. Henderson, KCB.; Assistant Commissioners—Capt. W. C. Harris and Lt.-Col. D. W. Labalmondiere; Chief Clerk—E. G. May. District Superintendents—Col. Pearson, A. C. Howard, H. Baynes, R. Walker; *Receiver for the Metropolitan Police District and Police Courts*, Maurice Drummond.

METROPOLITAN POLICE COURTS.

City—Mansion House—Lord Mayor, or one of the Aldermen.

Ditto—Guildhall—One of the Aldermen in rotation for a week at a time.

Bow-street—Sir James Taylor Ingham, James Vaughan and Frederick Flowers.—Chief Clerk, and Editor of the Police Gazette, John Alexander.

Westminster—E. H. Woolrych, L. C. T. D'Eyncourt.

Marlbor'.-st.—R. M. Newton, J. S. Mansfield.

Marylebone—W. M. Cooke, Albert D. Rutzen.

Clerkenwell—T. J. Barstow, J. Hosack.

Worship-st.—H. J. Bushby, J. L. Hannay.

Lambeth—Cuthbt. E. Ellison, G. Chance.

Southwark—W. Partridge, R. A. Benson.

Thames Police—Franklin Lushington.

Greenwich and Woolwich—J. Balguy, W. Slade.

Wandsworth and Hammersmith—J. Paget, John Bridge.

City Police—The City Police is under the control of the city authorities.—Commissioner—Col. James Fraser, C.B.

COURTS OF LAW, SCOTLAND.

COURT OF SESSION.

Inner House—First Division.

†The Lord President—Rt. Hon. J. Inglis.

†Sir Geo. Deas, Lord Deas; † David Mure, Lord Mure; A. B. Shand, Lord Shand.

Second Division.

†The Lord Justice Clerk—Rt. Hon. Lord Moncreiff; Robert Macfarlane, Lord Ormidale; Adam Gifford, Lord Gifford. Rt. Hon. G. Young, Lord Young.

Principal Clerks, A. Broun, H. M. Inglis.

Outer House—Permanent Ordinaries attached equally to both Divisions of the Court—John Millar, Lord Craighill, John Marshall, Lord Curriehill, A. R. Clark, Lord Rutherford Clark; Jas. Adam, Lord Adam.

The Judges marked thus † are Lords of Justiciary, or chief criminal court.

Queen's Remembrancer—Stair Agnew.
Court of the Lords Ordinary, for hearing appeals from Sheriff Courts, under sec. 8 of the Court of Session Act, 1868, consists of the senior Lords Ordinary.

LAW OFFICERS.

Lord Advocate, Rt.Hon.Wm.Watson,M.P.
Solicitor-General, J. H. A. Macdonald.
Advocates-Depute, Roger Montgomerie, M.P., James Muirhead, John Burnet, Alex. Blair.
Crown Agent, James Auldjo Jamieson.

Scotland is divided into three Criminal Circuits—namely, the South, West, and North, which take place in spring and autumn. An additional Court is held at Glasgow at Christmas.

SUPREME COURT OF JUDICATURE, IRELAND.

COURT OF APPEAL.

Ex-officio Members, the Lord Chancellor, the Lord Chief Justice, the Master of the Rolls, the Lord Chief Justice of Common Pleas, and the Lord Chief Baron of Exchequer. *Ordinary Members*, *Lords Justices of Appeal*, Right Hon. Jonathan Christian and Right Hon. R. Deasy.

HIGH COURT OF JUSTICE.

CHANCERY DIVISION.

Lord Chancellor, Right Hon. J. T. Ball.
Master of the Rolls, Rt. Hon. E. Sullivan.
Lord Justices, Right Hon. Jonathan Christian, Right Hon. R. Deasy.
Vice-Chancellor, Rt. Hon. H. Eyre Chatterton.
Receiver, Master Gerald FitzGibbon, Q.C.
Land Judges, Right Hon. S. W. Flanagan, Rt. Hon. H. Ormsby, Q.C.
Taxing Masters, Dav. Coffey, J. F. Teeling.
Accountant-Gen., Maziere J. Brady.
Clerk of the Cro. & Han., Sir R. S. Cusack.
Registrar in Lunacy, G. W. Abraham.

QUEEN'S BENCH DIVISION.

Lord Chief Justice, Rt. Hon. G. A. May.—*Judges*, Hon. James O'Brien, Rt. Hon. J. D. Fitzgerald, Rt. Hon. C. R. Barry.—*Clerk of the Crown*, J. Nagle.

COMMON PLEAS DIVISION.

Lord Chief Justice, Rt. Hon. Michael Morris.—*Judges*, Rt. Hon. J. A. Lawson (one vacancy). — *Master*, C. G. Burke.—*Chief Clerk*, P. Carey.

EXCHEQUER DIVISION.

Lord Chief Baron, Rt. Hon. Christ. Palles.
Barons, Hon. F. Fitzgerald, Rt. Hon. R. Dowse.

PROBATE AND MATRIMONIAL DIVISION.

Judge, Rt. Hon. R. R. Warren.
Registrars, M. Keatinge, W. Wiley, LL.D.

COURT OF ADMIRALTY.

Judge, Hon. J. F. Townshend, LL.D.
Queen's Advocate, J. F. Elrington, Q.C., LL.D.
Chief Clerk, O. L. Wynne.

COURT OF BANKRUPTCY.

Judges, S. Ball Miller, M. Harrison.—*Chief Registrar*, Wm. Perrin.—*Registrars*, H. Doyle, T. Fagan.—*Chief Clerk*, Thomas Farrell.

LAW OFFICERS.

Attorney-Gen., Rt. Hon. E. Gibson, M.P.
Solicitor-Gen., G. FitzGibbon, jun., Q.C.

INNS OF COURT.

TEMPLE, 1185.

Master—C. J. Vaughan, D.D.
Reader—Rev. A. Ainger, M.A.
Treasurer of Inner Temple — W. H. Cooke, Q.C.
Treasurer of Middle Temple — Joseph Brown, Q.C.
Librs. of Inner Temple—J. E. Martin, J. E. L. Pickering.
Libr. of Middle Temple—R. G. Smith.

LINCOLN'S INN, 1310.

Treasurer—Evelyn Bazalgette, Q.C.
Preacher—Rev. Canon F. C. Cook, M.A.
Steward—M. Doyle.
Librarian—J. Nicholson.

GRAY'S INN.

Treasurer—John Edwards.
Dean of the Chapel—Thomas Parker, Q.C.
Preacher—Rev. J. A. Hessey, D.C.L.
Steward—C. E. Banks.
Master of the Lib.—J. A. Russell, Q.C.
Chief Clerk—F. W. Musgrave.

THE COUNCIL OF LEGAL EDUCATION.

Established by the Four Inns of Court.

COUNCIL.

Rt. Hon. S. H. Walpole (Chairman); Rt. Hon. the Master of the Rolls (Vice-Chairman); Rt. Hon. Lord Justice Cotton; Sir C. Hall (Vice-Chancellor); B. S. Follett, Q.C.; J. Anderson, Q.C.; A. J. Stephens, Q.C., LL.D.; J. R. Kenyon, Q.C., D.C.L.; T. Southgate, Q.C.; J. B. Maule, Q.C.; J. Dickinson, Q.C.; J. A. Russell, Q.C.; Sir J. F. Stephen, Q.C.; W. C. Fooks, Q.C.; S. B. Bristowe, Q.C.; A. Wills, Q.C.; A. G. Marten, Q.C., M.P.; Sir H. S. Maine; A. Henniker, Q.C.; H. Hunt.

Professors, & Examiners.

Jurisprudence, &c.—Profs., F. Harrison, J. Bryce, D.C.L.; *Exam.*, T. Waraker, LL.D., T. S. Holland, D.C.L.
Common Law—Prof., Sir James FitzJames, Stephen, Q.C.; *Exam.*, S. Prentice, Q.C.
Equity—Prof., A. S. Eddis, Q.C.; *Exam.*, A. E. Miller, Q.C.
Law of Real and Personal Property—Prof., J. Williams, Q.C.; *Exam.*, T. C. Wright.

Meetings of the Council are held at Lincoln's Inn Hall.

Clerk of the Council—Thos. Corn.

CIRCUITS OF THE JUDGES.

South-Eastern Circuit.

Lewes, Maidstone, Chelmsford, Hertford, Huntingdon, Cambridge, Ipswich (L.), Bury St. Edmonds (S.), Norwich.

Clerk of Assize for Norfolk, Suffolk, Hunts, and Cambridge — Charles Platt, 1, Harcourt-bgs., Temple. [row, W.C.

Associate—W. Collisson, 27, Bedford-

Clerk of Assize for Hertford, Essex, Kent, and Sussex—The Hon. Rich. Denman.

Deputy—Henry Avory, Sessions House, Old Bailey.

Associate—Richard Denman, Jun.

Western Circuit.

Devizes (L.), Salisbury (S.), Winchester, Dorchester, Exeter, Bodmin, Taunton (L.), Wells (S.), Bristol.

Clerk of Assize—W. C. Bovill, 1, King's Bench Walk, Temple.

Deputy—Thomas Chambré.

Associate—G. H. Cooper.

North-Eastern Circuit.

Durham, Newcastle, York (North and East Riding), Leeds (West Riding).

Clerk of Assize (ex. co. of Durham)—E. Bromley, 1, Paper-bldgs., Temple.

Associate—C. W. Price.

Clerk of Assize (Durham)—J. W. Hays.

Associate—W. C. Ward.

Northern Circuit.

Appleby, Carlisle, Lancaster, Manchester, Liverpool.

Clerk of Assize—Cumberland and Westmoreland, E. Bromley, 1, Paper-buildings, Temple.

Deputy—John Holtby, York.

Associate—C. U. Price, Bedford-row, W.C.

Midland Circuit.

Aylesbury, Bedford, Northampton, Leicester, Oakham, Lincoln, Nottingham, Derby, Warwick.

Clerk of Assize—A. D. Coleridge, 2, Harecourt, Temple.

Assoc.—S. M. Cox, 38, Bedford-row, W.C.

Oxford Circuit.

Reading, Oxford, Worcester, Stafford, Shrewsbury, Hereford, Monmouth, Gloucester.

Clerk of Assize—E. A. Wilde, 13, King's Bench Walk, Temple.

Dep.—J. L. Matthews. *Assoc.*—A. C. Hemp.

North Wales Circuit.

Chester, Mold, Ruthin, Beaumaris, Carnarvon, Dolgelly, Welshpool, Cardiff.

Clerk of Assize—H. Crompton, 15, Phillimore-gardens, Kensington.

Deputy—G. W. Reade, Congleton.

Associate—H. L. Reade, Congleton.

South Wales Circuit.

Chester, Presteign, Brecon, Carmarthen, Cardigan, Haverfordwest, Cardiff.

Clerk of Assize—H. H. Vaughan, 6, Dane's Inn, Strand.

LORD MAYOR AND ALDERMEN OF LONDON.

The dates refer to their election as Aldermen.

Lord Mayor, Right Hon. Sir C. Whetham.

Billingsgate ..	1844	Thos. Sidney
Tower	1848	T. Q. Finnis
Bridge Without	1849	Sir R. W. Carden
Queenhithe ..	1854	Sir W. A. Rose
Bread Street ..	1855	W. Lawrence
Farringdon Within ...	1857	Sir B. S. Phillips
Vintry	1857	Sir T. Gabriel, Bart.
Walbrook	1860	Sir J. C. Lawrence, Bt. M.P.
Candlewick...	1861	Sir Thomas Dakin
Langbourn....	1863	Sir S. H. Waterlow, Bart., M.P. [M.P.
Aldgate	1863	Sir A. Lusk, Bart.,
Bassishaw	1864	D. H. Stone
Lime Street ..	1866	W. J. R. Cotton, M.P.
Portsoken ..	1871	Sir T. White.
Bishopsgate ..	1868	T. S. Owden
Recorder, Sir Thos. Chambers, Q.C., M.P.		
Dowgate.....	1871*	Sir F. W. Truscott
Coleman Street	1872*	W. McArthur, M.P.
Broad Street ..	1872*	J. W. Ellis
Farringdon ..	1873*	Jas. Figgins
Cripplegate ..	1874*	H. E. Knight
Castle Baynard	1875*	S. C. Hadley
Cordwainer ..	1875*	G. S. Nottage
Aldersgate ..	1876*	John Staples
Cheap.....	1877*	Edgar Breffit
Cornhill	1878	R. N. Fowler

All before the Recorder have passed the Chair. The Aldermen below the Recorder marked by an asterisk have served the office of Sheriff.

Sheriffs, G. Burt and T. Bevan. *Under Sheriffs*, W. E. Baxter and H. J. Godden. *Chamberlain*, Benj. Scott. *Town Clerk*, J. B. Monckton. *Common Serjeant*, W. T. Charley, M.P. *Secondary*, H. de Jersey. *Remembrancer*, C. H. Robarts. *Solicitor*, T. J. Nelson. *Coroner*, W. J. Payne. *Sword Bearer*, G. J. W. Winzar. *Common Crier and Sergeant-at-Arms*, Captain Skey. *Chief Clerk to Lord Mayor*, J. H. Gresham. *Chaplain*, Rev. W. R. Savage, M.A. *Priv. Sec. to Lord Mayor*, W. J. Soulsby.

LONDON SESSIONS.

RATE OF ALLOWANCE TO WITNESSES.
For Attendance and Expenses.
In superior Law Courts.

	per day.
Surgeons, Surveyors, and Attorneys .	£2 2 0
Merchants	1 1 0
Tradesmen	0 15 0
Journeymen Mechanics	0 7 0
For Travelling.	1*s.* 0*d.* *a mile.*
The Attorney in the cause	1 3

At Assizes and Quarter Sessions.

Professors in Law or Medicine giving evidence professionally, but not otherwise	*per day* 1 1 0
All other witnesses	0 3 6

Where witnesses reside in the town in which the courts are held, only half the above; but 2*s.* 6*d.* extra is to be paid to non-resident witnesses if detained during the night, and second-class railway fare, or 3*d.* per mile where no railway is available.

LAW AND OTHER PUBLIC OFFICES,

With Hours of Attendance.

Accountant in Bankruptcy, Basinghall-street, E.C., 10 to 4, and on Saturdays 10 to2; for payment of dividends, 11 to 3
Acknowledgment of Deeds by Married Women, 7, Lancaster-place, Waterloo Bridge, W.C., 11 to 5; vac. 11 to 3; long vac. 11 to 2
Adjutant-General's Office, Horse Guards, War Office, Pall Mall, 11 to 5
Admiralty Court, Roll's Court, Westminster, S.W., 10 to 4 [House
Admiralty Court Registry, Somerset
Admiralty, Spring Gardens, 10 to 5
Admiralty Whitehall, S.W., 11 to 5
Affidavit Office, 10, Southampton-buildings, Chancery-lane, E.C., 10 to 4; vacation, 11 to 1
Allowance Office for spoiled Stamps, Somerset-house, W.C., and 1 and 2, Great Winchester - street - buildings, E.C., Tuesday, Thursday, 11 to 2
Annuity (Government) Office, 19, Old Jewry, E.C., 10 to 3
Appeals Registry Office, Godliman-street, E.C., 10 to 4
Archdeacon of London's Office, 10, Great Knightrider-street, E.C., 10 to 4
Archdeacon of Middlesex's Office, 3, Godliman-street, E.C., 10 to 4
Archdeacon of Surrey's Office, 5, Godliman-street, E.C., 10 to 4
Arches Court, Rolls-court, Westminster, S.W., sits at 11
Arches Court Registry, 3, Godliman-st., E.C., 10 to 4
Army Medical Department, 6, Whitehall-yard, S.W., 10 to 4
Army Pay Office, see Paymaster-General
Army Purchase Commission, 109, Victoria-st., S.W., 11 to 5
Associates' Office, 18 & 19, Chancery-lane, W.C., Term and Sittings after, 11 to 5; vacations, 11 to 2; closed during long vacation
Attorney-General's Office, 1, Mitre Court-buildings, Temple, W.C., 10 to 5; in vacation, 11 to 4
Bankrupt Appeal Office, 2, Quality-court, W.C., 10 to 4; in long vacation, 11 to 3; Saturdays, 11 to 2
Bankruptcy Court, 82, Basinghall-street, E.C., 10 to 4
Bishop of London's Commissary Registry, 3, Godliman-street, E.C., 10 to 4
Bishop of London's Fund, 46A, Pall Mall, S.W., 10 to 4
Board of Green Cloth, Buckingham Palace, S.W., 11 to 4
Board of Trade, Whitehall, S.W., 11 to 5
Chamber of London Office, Guildhall, E.C., 10 to 3; Saturdays, 10 to 1
Chancellor of Exchequer's Offices, 11, Downing-street, S.W., 10 to 4
Chancery Enrolment Office, 2, Chancery-lane, W.C., 10 to 4; vacation, 11 to 1
Chancery Pay Office, Chancery-lane, W., 9 to 5, and 4 to 6: and for payments, 11 to 3
Chancery Registry Office, 25, Sthampton.-bdgs., W.C., 11 to 4; vacation, 11 to 1
Charitable Trusts Commission, Gwydyr House, Whitehall
City of London Court, Guildhall-buildings, E.C., 10 to 4; Saturday, 10 to 1
City Police Commissioners' Office, 26, Old Jewry, E.C., 9 to 5
City Remembrancer's Office, Guildhall-yard, E.C., 10 to 5; Saturday, 10 to 2
City Solicitor's Office, Guildhall-yard, E.C., 10 to 5; Saturday, 10 to 2
Civil Service Commissioners, Cannon-row, S.W., 10 to 5
Clerk of the Peace (City) Office, Sessions House, Old Bailey, E.C., 10 to 4; during sittings, 9 to 5
Clerk of the Peace for Surrey, North-street, Lambeth, S.E., 9 to 5
Clerk of the Peace for Middlesex, Sessions House, Clerkenwell, E.C., 10 to 5
Clerk of the Peace for Westminster, 23, Spring Gardens, S.W., 10 to 5
Coal Exchange, Lower Thames-st., E.C., Mon., Wedn., and Friday, 12 to 2
College of Arms—See Heralds' College.
Colonial Office, Downing-st., S.W.
Commander-in-Chief's Office, Horse-gds., Pall Mall, 10 to 5
Commissariat Office, 5, New - street, Spring-gardens, S.W., 10 to 4
Commissary of Surrey's Office, 10, Knight-rider-street, E.C., 10 to 4.
Commissary of London Registry for Wills, 3, Godliman-street, E.C., 9 to 4
Commissioners in Lunacy, 19, Whitehall Place, 10 to 4: Saturday, 10 to 2
Commissioners of Factories. Home Office, Whitehall
Commissioners of Police, 4, Whitehall-place, S.W., 10 to 4
Commissioners of Salmon Fisheries, Home Office, Whitehall
Committee of County Court Judges, Treasury, Whitehall, S.W., 10 to 4
Common Pleas Office, Serjeants' - inn, Chancery-lane, W.C., 11 to 5 in term; 11 to 3 in vacation, in long vacation, 11 to 2 only
Conservators of the River Thames, 41, Trinity-square, E.C.
Consistory Court, Doctors' Commons, E.C., sits at 11
Copyhold, Inclosure, and Tithe Commission, 3, St. James's-sq., S.W., 10 to 4
Copyright Registry, Stationers' Hall, Ludgate-hill, E.C., 10 to 4
Corn Exchange, Mark-lane, Fenchurch-street, E.C., 11 to 3
Court of Probate and Divorce, Registrar's Office, Somerset House, 10 to 4
Crown Office (Q.B.), 2, King's Bench-walk, Temple, E.C., 11 to 5: in vacation, 11 to 3; in long vacation, 11 to 2
Crown Office, at House of Lords, 10 to 6
Custom-house, Lower Thames-st., E.C., In-door Offices, 10 to 4; Waterside Offices, from 1st March to 31st Oct., 8 to 4; from 1 Nov. to 28 Feb., 9 to 4
Dean and Chapter of St. Paul's Office, 3, Dean's-court, E.C., 10 to 4

Dean and Chapter of Westminster's Office, 2, Broad Sanctuary, S.W., 10 to 2
Designs Office. *See* Patent Office
Directors of Convict Prisons, Home Office, Whitehall, S.W.
Duchy of Cornwall Office, Buckingham-gate, St. James's Park, S.W., 10 to 4
Duchy of Lancaster Office, Lancaster-place, Waterloo Bridge, W.C., 10 to 4; Saturdays, 10 to 2
Ecclesiastical Commissioners for England, and Church Estate Commission, 10, Whitehall-place, S.W., 10 to 4
Education, Committee of Privy Council for, Downing-street, S.W., 11 to 4
Examiners' Office, Rolls-yard, Chancery Lane, W.C., 10 to 4 in term, and 11 to 3 in vacation
Exchequer and Audit Office, Somerset House, 10 to 4; Saturdays, 10 to 2
Exchequer of Pleas Office, 7, Stone-bldgs., Lincoln's Inn, W.C., 11 to 5 in term; 11 to 3 in vacation; in long vac., 11 to 2 only; in Rule Dep., same hours
Excise Export and Import Office, Tower Dock, E.C., 9 to 4; Import Office, summer, 8 to 4; winter, 9 to 4
Factory Inspectors' Office, Home Office, Whitehall, S.W., 11 to 4
Faculty Office, 10, Great Knightrider-st., E.C., 10 to 4
Foreign Marriages, Baptisms, and Burial Registry, 3, Godliman-st., E.C., 10 to 4
Foreign Office, Downing-street, S.W.
Friendly Societies Office, 28, Abingdon-street, Westminster, S.W.
General Council of Medical Education and Registration, 315, Oxford-street
General Register Office of Births, Deaths, and Marriages, Somerset House, W.C., 10 to 4; Saturdays, 10 to 2
Government Annuity Office, 19, Old Jewry, E.C., 10 to 3
Greenwich Out-Pension Office, 49, Great Tower-street, E.C., 10 to 4
Half-pay Office. *See* Paymaster-General's Office
Harbour Master's, 41, Trinity-square, E.C., 10 to 4
Heralds' College Office, Queen Victoria-street, E.C., 10 to 4
Home Office, Whitehall, S.W., 11 to 5
Incorporated Law Society, Chancery-lane, S.W., 9 to 6; library, 9 to 9, except Saturday, then 9 to 4
India Office, St. James's Park, 10 to 4
Inland Revenue Office, Somerset House, W.C., 10 to 3, Saturday, 10 to 2
Inspectors of Gunpowder Works, Home Office Whitehall
Inspectors of Reformatories and Industrial Schools, Home Office, Whitehall
Inspectors of Salmon Fisheries for England & Wales, Home Office, Whitehall
Irish Courts Affidavit and Deeds Registry Office, 13, Southampton-bldngs., W.C., 10 to 4
Irish Office, 17 and 18, Great Queen-st., Westminster, S.W., 10 to 5
Joint Stock Companies' Registration Office, Inland Revenue, Somerset House, 10 to 4; Saturdays, 10 to 2
Judge Advocate's Office, 35, Gt. George-street, Westminster, S.W., 10 to 4
Judges' Chambers, Rolls' Gardens, Chancery-lane, W.C., 11 to 5; vacation, 11 to 3; long vacation, 11 to 2
Judicial Committee of Privy Council, Downing-st., S.W., sits after term at 10
Judgment Office (Queen's Bench Office), Inner Temple, E.C.; hours the same as the Writ Office
Land Registry Office, 51, Lincoln's-inn Fields, W.C., 10 to 4; Saturdays, 10 to 2
Land Revenue Record and Enrolment Office, 24, Spring-gardens, S.W., 10 to 4
Land Tax Redemption Office, Somerset House, W.C., 10 to 4; Saturdays, 10 to 2
Legacy and Succession Duty, Somerset House, 10 to 3, Saturday, 10 to 2
Lloyd's Rooms, Royal Exchange, E.C., 10 to 5
Local Government Board, Whitehall, 10 to 4
London Diocesan Church Build. Society, 21, Regent-street, S.W., 10 to 5
London Gazette Office, Stationery Office, Princes-street, Storey's-gate; 10 to 5 Mon., Wed., Thurs., and Satur.; 10 to 2 Tues. and Fri.
London Gazette Publishing Office, 45, St. Martin's Lane, W.C.; Mon., Wed., and Thurs, 10 to 6; Tu. and Fri., 10 to 7; Sat., 10 to 5.
London School Board, Thames Embankment, 10 to 5
Lord Advocate of Scotland's Office, Home Office, Whitehall
Lord Great Chamberlain's Office, Palace of Westminster, S.W., 11 to 4
Lord Chamberlain's Office, Stable-yard, St. James's, S.W., 11 to 4
Lord Mayor's Court Office, Guildhall, and 5, Church-passage, E.C., 10 to 4
Lunacy Registrar's Office, 3, Quality-crt., W.C., 10 to 4, in vacation, 11 to 1
Lunacy Master's Office, 45, Lincoln's-inn-Fields, W.C., 10 to 4
Masters' Office, Q.B., Temple, E.C.; C.P. Serjeants'-inn, W.C.; Exch., 7, Stone-bgs., W.C., 11 to 5; in vacation, 11 to 3; from 10 Aug. to 23 Oct., 11 to 2
Metropolitan Board of Works, Spring-gardens, S.W., 9 to 4
Metropolitan Roads, North of the Thames, 32, Craven-street, Strand, W.C., 10 to 4
Metropolitan Police, 4, Whitehall-place S.W., 10 to 4
Middlesex Registry of Deeds, 8, Serle-st., W.C., 10 to 3 for searches; 11 to 2 for registry
Mint, Little Tower Hill, E., 10 to 4, Saturday, 10 to 2
National Debt and Government Annuity Office, 19, Old Jewry, E.C., 10 to 3
Naturalization of Aliens Office, Home Office, Whitehall, S.W., 11 to 4
Parks, Palaces, and Public Buildings Office, 12, Whitehall-place, S.W., 10 to 4
Passport Office, Foreign Office, Downing-street, S.W., 10 to 4
Patent Museum, South Kensington
Patent Office, Great Seal, 25, South-ampton-buildings, W.C., 10 to 4

Patriotic Fund, 3, St. Martin's-place
Paymaster-General's Office, Whitehall, S.W., 10 to 4
Peculiar of Archb. of Canterbury's Office, 5½, Bell-yd., Doctors'-com., E.C., 10 to 5
Petty Bag Office, Rolls-yard, W.C., 10 to 4; after last seal, 10 to 2; in long vac. 11 to 1
Post Office (General), St. Martin's-le-Grand
Presentation Office, Quality-court, W.C., 11 to 3; vacation 11 to 1
Privy Council Office, Whitehall, S.W., 11 to 4
Privy Seal and Signet Office, 1, New-street, Spring-gardens, S.W., 10 to 3
Probate, Court of, Chief Registry, Somerset House, term, 10 to 4, vacation 11 to 3
Property and Income Tax Office, Somerset House, W.C., 10 to 4, Saturday, 10 to 2
Public Carriage and Lost Property Office, Great Scotland-yard, S.W., 10 to 4
Public Record Office, Rolls House, Chancery-lane, 10 to 4, Saturdays, 10 to 2
Public Works Loan Office, 3, Bank-buildings, Lothbury, E.C., 10 to 4; Saturdays, 10 to 3
Quartermaster-General's Office, Horse Guards, Pall-mall, 11 to 5
Queen Anne's Bounty Office, Dean's-yard, S.W.: Treasurer's Department, 10 to 2; Secretary's and First Fruits and Tenths Department, 10 to 4; Saturdays, 10 to 2
Queen's Bench Office, Mitre-court-buildings, Temple, E.C., 11 to 5; vacation, 11 to 3; long vacation, 11 to 2
Queen's Remembrancer Office, 58, Chancery-lane, W.C., 11 to 4; vacation, 11 to 3; long vacation, 11 to 2
Railway and Canal Traffic Commissioners, House of Lords
Record and Writ Clerks' Office, Chancery-lane, W.C., 10 to 4 in term and during the Seals, at other times 11 to 1
Recruiting Office, Delahay-street, Westminster, S.W., 11 to 5
Register of Seamen, 82, Basinghall-street
Registrar'sOffice, Chancery-lane, W.C.(C.) 10 to 3: for inspection, 9 to 3 and 5 to 6; in vacation, 11 to 1
Registrar of Common Lodging Houses, 2, Palace-place, Gt. Scotland-yard, S.W., 10 to 4
Registry of Designs. *See* Patent Office.
Registry of Judgments, &c., Rolls-gardens, W.C., 11 to 5 in Term, 11 to 3 in vacation, 11 to 2 in long vacation
Registry of County Court Judgments, Delahay-street, S.W., 11 to 3, for searching
Royal Marine Office, 7, New-st., Spring-gardens, S.W., 10 to 5
Rule Office (Q.B.) Queen's Bench Office, Inner Temple, E.C., 11 to 5 in Term; vacation, 11 to 4; long vacation, 11 to 2
Royal Office (C.P.), Serjeants'-inn, W.C., 11 to 5; in term, 11 to 3; long vacation, 11 to 2
Savings Bank (Barristers') Office, 5, Bolton-street, Piccadilly, W., 10 to 4
Science and Art, Department of, Cromwell-road, South Kensington, 10 to 4
Scottish Corporation Office, Crane-court, Fleet-street, E.C., 10 to 4
Sea Policy Stamp Office, 1 and 2, Great Winchester-st.-buildings, 10 to 4
Secondary's Office, 5, Basinghall-st., E.C., 10 to 4
Secretary's Office, Lord Chancellor's, Quality-court, W.C., 11 to 4; Rolls, Chancery-lane, W.C., 10 to 3; vacation, 11 to 1
Sheriff of London's Office, Basinghall-st., E.C., 10 to 6
Sheriff of Middlesex's Office, 24, Red Lion-sq., W.C., Court Days, Thursdays, 11
Sheriff of Surrey's Office, 8, New-inn, W.C., 11 to 5
Signet Office. *See* Privy Seal
Solicitor-General's Office, 1, Brick-court, Temple, E.C. Term and sittings after, 10 to 5; vacation, 11 to 4
Sons of the Clergy, 2, Bloomsbury-place, W.C.
Stamp and Legacy Duty Office, Somerset House, W.C., 10 to 4; Saturdays, 10 to 2. No money received after 3
Standard Weights, &c., 6, Old Palace-yard
State Paper Office. *See* Public Record Offices
Stationery Office, Prince's-street, Storey's-gate, S.W., 10 to 4.30
Stock Exchange, Capel-court, Bank, E.C., 11 to 3
Subpœna Office, transferred to Record and Writ Clerk's Office
Tax Office, Somerset-house, W.C., 11 to 3; Saturdays and in vacation, 10 to 1
Taxing Master's Office, Staple-inn, W.C., 10 to 4; vacation, 11 to 1
Tenths Office. *See* Queen Anne's Bounty
Tithe Commissioners' Office, 3, St. James's-square, S.W., 10 to 4
Trade Marks Registry, Quality-court, Chancery-lane
Transport Office, Admiralty, S.W., 10 to 4
Treasurer for the County of Middlesex's Office, Clerkenwell Session-house, E.C., 11 to 3
Treasury Office, Whitehall, S.W., 11 to 4
Trinity House Corporation, Trinity-sq., Tower Hill, E.C., 10 to 4
Vicars-General and Peculiars' Office, Bell-yard, Doctors' Commons, E.C., 10 to 4
Victualling Office, Admiralty, S.W., 10 to 4
War Office, Pall Mall, S.W.; branches, Horse Guards, S.W., 10 to 4; Saturdays, 10 to 2
West Indian Encumbered Estates Commission, St. Martin's-place
Wills Registry Office, Somerset House
Wine Licence Office, *See* Inland Revenue
Woods, Forests, and Land Revenues, 1 & 2 Whitehall-place, S.W., 10 to 4
Works and Public Buildings Office, 12, Whitehall-place, S.W., 10 to 4
Writs Office (Q.B.), Queen's Bench Office, King's Bench-walk., Temple, E.C., 10 to 4: vacation, 11 to 4; long vacation, 11 to 1

COMMERCE AND TAXATION.

BANK OF ENGLAND DIRECTORS.*
Governor—Edward Howley Palmer.
Deputy—John William Birch.
Directors—H. W. Blake, H. H. Berens, H. Brooks, Robert Wigram Crawford, M. W. Collet, J. P. Currie, Benj. B. Greene, H. R. Grenfell, H. H. Gibbs, J. S. Gilliat, C. H. Göschen, Thomson Hankey, M.P., Henry Lancelot Holland, Right Hon. John Gellibrand Hubbard, M.P., Thomas Newman Hunt, C. F. Huth, William Lidderdale, G. Lyall, Alex. Matheson, James Morris, D. Powell, jun., A. C. de Rothschild, A. G. Sandeman, C. Weguelin.
Secretary—Hammond Chubb.
Chief Accountant—H. G. Aylmer.
Chief Cashier—Frank May. [Freshfield.
Solicitors—Henry, William, and Edwin
* The alterations in the Bank Direction take place in April.

BRANCH BANKS OF THE BANK OF ENGLAND.

Western Branch, Burlington-gardens.
Birmingham — Bristol — Hull — Leeds — Liverpool — Manchester — Newcastle-upon-Tyne—Plymouth—Portsmouth

BANK HOLIDAYS.

See List of Public Holidays, page 13.

BANK AND BANKERS IN LONDON.

Addison and Co., 20, Regent-street.
Agra Bank (Limited), 35, Nicholas-lane.
Albion Bank (Limited), 2 Bank-build., City; 16, West Smithfield; and 12, Bank-build., Metropolitan Cattle Market.
Alexander, Fletcher, and Co., 10, King's Arms-yard, Moorgate-st., E.C. [bard-st.
Alexanders, Cunliffes, and Co., 30, Lom-
Alliance Bank (Lim.), Bartholomew-lane.
American Joint National Bank, 446, Strand.
Anglo-Austrian Bank, 18, Fenchurch-st.
Anglo-Egyptian Banking Company (Limited), 27, Clement's-lane, E.C.
Anglo-Hungarian Bank, 18, Fenchurch-st.
Anglo-Italian Bank (Limited), 16, Leadenhall-street. [William-street, E.C.
Australian Joint Stock Bank, 18, King-
Bank of Alexandria, 8, Moorgate-street.
Bank of Australasia, 4, Threadneedle-st.
Bank of Belgium and Holland, 31, Lombard-st. [avenue, Leadenhall-st.
Bank of British Columbia, 5, East India-
Bank of British North America, 3, Clement's-lane, Lombard-street.
Bank of Egypt, 26, Old Broad-street.
Bank of England, Threadneedle-st., and Uxbridge House, Burlington Gardens.
Bank of New So. Wales, 64, Old Broad-st.
Bank of New Zealand, 50, Old Broad-st.
Bank of Otago (Limited), 5, Adam's-court, Old Broad-st. [yard, Moorgate-st., E.C.
Bank of Roumania, 13, King's Arms-
Bank of Scotland, 43, Lothbury.
Bank of South Australia, 54, Old Broad-st.
Bank of Victoria, 3, Threadneedle-st.
Barber, James, Son, and Co., 136, Leadenhall-street. [54, Lombard-street.
Barclay, Bevan, Tritton, Twells, and Co.,
Barker, G., and Co., 39 & 40, Mark-lane.
Barnett, Hoares, Hanbury, and Lloyd, 62, Lombard-st. [field, 6, Bank-bldngs.
Biggerstaff, W. and J., 63, West Smith-
Birkbeck, 29, 30, Southampton-buildings.
Bosanquet, Salt, and Co., 73, Lombard-st
Brooks and Co., 81, Lombard-street.
Brown, Janson, & Co., 32, Abchurch-lane.
Brown, John, and Co., 25, Abchurch-lane.
Cates and Son, 84, King William-street.
Central Bank of London (Lim.), 52, Cornhill; Blackfriars-road, corner of Stamford-st., S.E.; 95, Newgate-st., E.C.; 31, High-st., Shoreditch, E.; 26, Tooley-st., S.E.; 110, High-st., Whitechapel, E.
Chartered Bank of India, Australia, and China, Hatton-court, Threadneedle-st.
Chartered Mercantile Bank of India, London, and China, 65, Old Broad-st.
Cheque Bank, 124, Cannon-street.
Child and Co., 1, Fleet-st., Temple Bar.
City Bank, 5, Threadneedle-st.; 34, Old Bond-st.; 159 & 160, Tottenham Court-road; 61 & 63, Ludgate-hill; 219 & 221, Edgware-rd.; 7, Lowndes-ter.; Aldgate-buildings, corner of Fenchurch-st. and Leadenhall-st.; 34, Holborn Viaduct.
Clarendon, 301, Strand.
Cocks, Biddulph, & Co., 43, Charing-cross.
Colonial Bank, 13, Bishopsgate Within.
Colonial Bank of Australasia, 4, Royal Exchange-buildings.
Commercial Banking Company of Sydney, 39, Lombard-st. [land-st., Strand.
Comptoir General Bank, 5, Northumber-
Consolidated Bank (Limited), 52, Threadneedle-st.; 450, West Strand.
Continental Bank, 79, Lombard-street.
Cooke, Jay, McCulloch, & Co., 41, Lom-
Coutts & Co., 56 to 59, Strand. [bard-st.
Credit Foncier of Spain, 110, Cannon-st. E.
Cunliffe, Roger, Sons, & Co., 6, Princes-st.
Delhi and Lond. Bank, 76, King William-st.
Dimsdale, Fowler, Barnard, and Dimsdales, 50, Cornhill.
Dobree, S. & Sons, 6, Tokenhouse-yard.
Drummond and Co., 49, Charing-cross.
Emmens Brothers, and Co., 8, Old Jewry.
English Bank of Rio de Janeiro (Limited), 13, St. Helen's-place, Bishopsgate.
English, Scottish, and Australian Chartered Bank, 73, Cornhill. [Lombard-st.
Fuller, Banbury, Nix, and Mathieson, 77,
Gillett Brothers, 72, Lombard-street.
Glyn, Mills, and Currie, 67, Lombard-st.
Goslings and Sharpe, 19, Fleet-street.
Grant Brothers, and Co., 24, Lombard-st.
Green, Tomkinson, & Lloyd, 32, Nicholas-la.
Grindlay and Co., 55, Parliament-street.
Grobecke, Son, and Co., 32, Lombard-st.
Hallett and Co., 7, St. Martin's-place.
Hartland and Co., 79, Lombard-street.
Harwood, Knight, & Allen, 18, Cornhill.
Herries, Farquhar, & Co., 16, St. James's-st.
Hickie & Co., 14, Waterloo-place; 127, Leadenhall-street. [Cattle Market.
Hill and Sons, 17, W. Smithfield; 2, Met.
Hoares and Co., 37, Fleet-street.
Hong-Kong and Shanghai Banking Corporation, 32, Nicholas-lane, Lombard-st.

Hopkinson and Sons, 3, Regent-street.
Imperial Bank (Limited), 1. Westminster Chambers, Victoria-street; 1, Sydney-place, Onslow-sq. [Lothbury.
Imperial Ottoman Bank, 4, Bank-buildings,
International of Hamburgh and London, 113, Cannon-street.
Ionian Bank, 31, Finsbury-circus.
King, Henry S., and Co., 45, Pall Mall, and 65, Cornhill.
Lacy and Son, 60, West Smithfield; 11, Bank-buildings, Met. Cat. Market.
Lombard Deposit Bank, 43 and 44, Lombard-street, 277 and 279, Regent-street.
London Bank of Commerce, 5, Lothbury.
London Bank of Mexico and South America (Limited), 144, Leadenhall-st.
London Bank of Tunis, 11, St. Helen's-pl.
London & Bagdad Bank, 79, Gt. Tower-st.
London and Brazilian Bank (Limited), 2, Old Broad-street. [88, Cannon-st.
London Chartered Bank of Australia,
London and County Bank, Head Office, 21, Lombard-street;
Branches.—112, *Aldersgate-st.*; Westbourne-gro., *Bayswater*; Tranquil Vale, *Blackheath*; 193, *Caledonian-rd.*; Sussex-pl., Queen's-gate, *Brompton*; Henrietta-st., *Covent Gar.*; High-st., *Croydon*; Broadway, *Deptford*; Stockwell-st., *Greenwich*; 1, Amhurst-road East, *Hackney*; 12, King-st. West, *Hammersmith*; 21, *Hanover-sq.*; 324 and 325, *High Holborn*; Upper-st., *Islington*; High-st., *Kensington*; Albert Gate, *Knightsbridge*; 165, Westminster Bridge-rd., *Lambeth*; 680, Commercial-rd. East, *Limehouse*; *Newington Butts*; Westow-hill, *Norwood*; 441, *Oxford-st.*; 1, Connaught-st., *Paddington*; 181 & 182, *Shoreditch*; High-st., *Southwark*; Broadway, *Stratford*; 3, Victoria-street, *Westminster*; Powis-st., *Woolwich*.
London and English Bank, 25, Finsbury-pl.
London and Hanseatic Bank, 36, Lombard-street.
London Joint Stock Bank, Head Office, 5, Princes-street, Bank;
Branches.—69, *Pall Mall*; 124, *Chancery-lane*; 28, High-st., *Borough*; Charterhouse-st., *Clerkenwell*; Met. Cattle Market, *Islington*; Foreign Cattle Market, *Deptford*; and 9, Craven-road, *Westbourne-terrace*.
London and Provincial Bank (Limited), Head Office, 7, Bank-bdgs., Lothbury;
Branches.—163, *Edgware-rd.*; 500, *Kingsland-road*; *Caskalton*; *Lewisham*; 163, High-st., *Stoke Newington*; Hill-st., *Richmond*; 5, High-st., *Sutton*; King-st., *Twickenham*; 38, Green's End, *Woolwich*; and at *Anerley*, *Beckenham*, *Enfield*, *South Kensington*, *Surbiton*, *Tottenham*, *Walham Green*.
London and River Plate Bank (Limited), 40, Moorgate-st. [22, Old Broad-st.
London and San Francisco Bank (Limited),
London and South African Bank, 10, King William-street.
London & South Western Bank (Limited), Head Office, 7, Fenchurch-street;
Branches.—27, *Regent-st.*; High-st., *Acton*; 1, Anerley-road, *Anerley*; 90 & 92, Bow-rd., *Bow*; 275, Brixton-rd., *Brixton*; 250, *Camberwell-rd.*; Park-st., *Camden Town*; *Clapham Common*; North End, *Croydon*; Broadway, *Ealing*; *Finsbury-pl.*; High-st., *Forest Hill*; High-st., *Hampstead*; High-st., *Highgate*; 403, *Holloway-road*; 228, *Kentish Town-road*; Station-rd., *Kilburn*; Thurlow-place, *Lower Norwood*; 137, Ladbroke-grove, *Notting Hill*; High-st., *Peckham*; Crescent, *Putney*; Wellington-rd., *St. John's Wood*; Uxbridge-rd., *Shepherd's Bush*; High-st., *South Norwood*; 368, Commercial-rd., *Stepney*; 3, Eldon-pl., *Streatham*; Bank-bldgs., *Sydenham*; High-st., *Tooting*; Westow-hill, *Upper Norwood* Bank-buildgs., *Wandsworth*; 202, Fulham-rd., *W. Brompton*; Railway-ter., *Wimbledon*.
London and Westminster Bank, Head Office, 41, Lothbury;
Branches.—1, *St. James's-square*; 214, *High Holborn*; 6, High-st., *Borough*; 130, High-st., *Whitechapel*; 4, Stratford-place, *Oxford-street*; 217, Strand, *Temple Bar*; 91, Westminster-bridge-road, *Lambeth*.
Martin and Co., 68, Lombard-street.
McCulloch & Co., 41, Lombard-street.
Mercantile Bank of the River Plate, 6, Lombard-street. [St. Helen's.
Mercantile Bank of Sydney, 30, Great
Merchant Banking Company of London (Limited), 112, Cannon-street.
Metropolitan Bank (Limited), 75, Cornhill.
Midland Banking Company (Limited), 38, New Broad-street. [House, City.
Morton, Rose, and Co., Bartholomew
National Bank, Head Office, 13, Old Broad-street.
Branches.—68, Glo'ster-gardens, Bishop's-road, *Bayswater*, *W.*; 21, Grosvenor-gardens, *Belgravia*, *S.W.*; 189, High-st., *Camden Town*, *N.W.*; 9, *Charing-cross*, *S.W.*; 286, Pentonville-rd., *King's-cross*, *N.*; 158, High-street, *Notting-hill*, *W.*; 23, Old Cavendish-street, *Oxford-street*, *W.*
National Bank of Australasia, 47, Cornhill.
National Bank of India (Limited), 80, King-William-street.
National Bank of Scotland, 37, Nicholas-lane, E.C.
National Provincial Bank of England, Head Office, 112, Bishopsgate-st. Within; 53, Baker-street; 212, Piccadilly; 218, Upper-street, Islington; Carey-street, Lincoln's-inn. [needle-st.
Oriental Bank Corporation, 40, Thread-
Praeds and Co., 189, Fleet-street.
Prescott, Grote, Cave, and Co., 62, Thread-needle-street.
Prov. Bank of Ireland, 42, Old Broad-st.
Ransom, Bouverie, & Co., 1, Pall Mall E.
Realm Banking, Property, and Investment Corporation, 115, Leadenhall-street.
Reeves, Whitburn, & Co., 27, Clements-lane. [Cornhill.
Richardson and Co., 13, Pall Mall; 23,
Robarts, Lubbock, & Co., 15, Lombard-st.
Samuel, Montagu, & Co., 60, Old Broad-st.
Scott (Sir S., Bt.) & Co., 1, Cavendish-sq.
Seyd and Co., 1A, Princes-street, Bank.
Shank, J., 4, Bank-buildings, Metropolitan Cattle Market.
Smith, Payne, and Smiths, 1, Lombard-st.
Standard Bank of British South Africa (Limited), 10, Clements-la., Lombard-st.
St. James's Bank, 17, Charles-st., St. James.
Twining, R., and Co., 215, Strand.
Union Bank of Australia, 1, Bank-buildings, Lothbury.
Union Bank of London, 2, Princes-street, Bank; Argyll-pl., Regent-st.; Charing-cross; Chancery-lane; Holborn Circus
United Service Bank, 13, Piccadilly.
Valentine and Co., 173, Fenchurch-st.
Venables and Co., 30, Royal Exchange.
Vernon and Co., 23, Regent-street.
Williams, Deacon, Labouchere, Thornton and Co., 20, Birchin-lane.
Worms, G. and A., 1, Austin Friars.

LIFE, FIRE, AND INSURANCE COMPANIES IN LONDON.

Note.—Those Companies to which an Asterisk is prefixed are both Life and Fire Offices; those to which a Cross is prefixed are only Fire Offices; and those without any prefix are only Life Offices.

Accident—7, Bank-buildings.
†Agricoles Caisse Générale—St. Michael's House, E.C.
Albion—120, Chancery-lane
*Alliance—1, Bartholomew-lane, and 1, St. George-st., S.W.
Argus—King-street, Covent-garden.
*Atlas—92, Cheapside.
†Azienda—1, Princes-street.
†Belfast—83, Lombard-street.
*Britannia—429, Strand, and 21, Cornhill.
British Alliance—34, Parliament-st., S.W.
British Empire Mutual—32, New Bridge-st.
British Equitable, 4, Queen-street-place.
*Briton Medical and General—429, Strand.
*Caledonian—39, Lothbury, and 9, Craig's-court, Charing-cross.
*Church of England—9 & 10, King-street.
City of Glasgow—12, King William-street.
Clergy Mutual—2, Broad Sanctuary.
Clerical, Medical, &c.—13, St. James's-sq., and Mansion House-buildings.
Colonial—89, Cannon-street.
*Commercial Union—19 & 20, Cornhill.
†Consolidated—8, Bucklersbury, E.C.
Continental of N. York—24, Q. Victoria-st.
†County—50, Regent-st., and 14, Cornhill.
Crown—188, Fleet-street.
Eagle—79, Pall Mall.
Economic—6, New Bridge-street.
Edinburgh—11, King William-street.
†Edinburgh—18, Queen Victoria-st., E.C.
*Emperor—52, Cannon-street.
English & Scottish Law—12, Waterloo-pl.
Equitable—Mansion House-street.
Equity & Law—18, Lincoln's-inn-fields.
*General—62, King William-street.
†General of Trieste—Mansion House-bdgs.
†Government Security Co-operation—166, Queen Victoria-street.
*Great Britain—101, Cheapside.
Gresham—37, Old Jewry.
*Guardian—11, Lombard-street.
†Hamburg-Bremen—4, Queen Victoria-st.
*Hand-in-Hand, New Bridge-street.
†Home—11, Clement's-lane.
†Household—4, St. Paul's-churchyard.
*Imperial—1, Old Broad-st., & 16, Pall Mall.
Imperial Union—9, Finsbury-pl. South.
†Jakor (Anchor)—14, Mansion Ho.-bdgs.
*Kent—26, Budge-row, Cannon-street.
*Lancashire—14, King William-street.
†Law, 114, Chancery-lane.
Law Life—187, Fleet-street.
Law Property and Life—30, Essex-street.
*Law Union—126, Chancery-lane.
†LeMonde, 18, Queen Victoria Street.
†L'Univers, 39, Lombard-street.
Legal and General—10, Fleet-street.
Life Assoc. of Scotland—5, Lombard-st.
*Liverpool, Lond., & Globe—1, Cornhill, and Charing-cross.
*London Assurance—7, Royal Exchange.
London & County Prov.—7, Bishopsgate-street Within.
*London & Lancashire—1, Leadenhall-st.
London and Provincial Law—21, Fleet-st.
*London & Southwark—73, K. William-st.
London Life—81, King William-street.
†Magdeburg—10, Cornhill, E.C.
†Manchester—96, Cheapside.
Marine and General—14, Leadenhall-st.
Masonic and General—9, New Bridge-st.
Metropolitan—3, Princes-street.
*Midland Counties—1, Gresham-buildings
Mutual—39, King-street, Cheapside.
†Mutual (Fire)—37, Queen Victoria-st. E.C.
National—2, King William-street.
†Nat. Fire Ins. Co.—18, New Bridge-st.
Nat. Ireland—86, King William-st.
National Guardian—484, Oxford-street.
National Industrial—29, New Bridge-st.
National Provident—48, Gracechurch-st.
†Netherlands—77, King William-st.
New York—76 and 77, Cheapside.
*North Brit. & Merc.—61, Threadneedle-st., and 8, Waterloo-place.
*Northern, 1, Moorgate-street.
*Norwich Union—50, Fleet-street.
Pearl—39, City-road.
Pelican—70, Lombard-st., and 57, Charing-cross.
†Phœnix—19, Lombard-st. & Charing-cr.
Positive—34, Cannon-st.
Protector—34, King-street, Cheapside.
Provident—50, Regent-st., & 14, Cornhill.
Provident Clerks—27, Moorgate-street.
Provincial—7, Queen Victoria-street.
Prudential—62, Ludgate-hill.
*Queen—60, Gracechurch-street.
Railway Accident Mutual—42, Poultry.
Railway Passengers—64, Cornhill.
Reliance—71, King William-street.
Rock—15, New Bridge-street.
*Royal—Lombard-street.
*Rl. Exchange—R. Exch., & 29, Pall Mall,
*Royal Farmers'—3, Norfolk-street.
Sceptre—13, Finsbury-place, South.
Scottish Amicable—1, Threadneedle-st.
*Scottish Commercial—82, Old Broad-st.
Scottish Equitable—69, King William-st.
†Scottish Fire—79, Cornhill.
*Scottish Imperial—2, King William-st.
Scottish Metropol.—77, King William-st.
*Scottish National—3, King William-st.
*Scottish Provincial—64, Cannon-street.
Scottish Provident—18, King William-st.
*Scottish Union—37, Cornhill.
Scottish Widows' Fund—28, Cornhill.
Security—Mansion House-buildings.
Sovereign—48, St. Jas.'s-st. & 122, Cannon-st
†Staffordshire—106, Cannon-st.
Standard—82, King William-st., and 3, Pall Mall.
†Standard Fire—32, Queen Victoria-st.
Star—32, Moorgate-street.
*Sun—63, Threadneedle-st., & Charing-cr.
†Transatlantic—Mansion House-buildngs.
*Union—81, Cornhill, and 70, Baker-st.
United Kent—26, Budge-row, Cannon-st.
United Kingdom Corp.—27A, Finsbury-sq.
U. Kingd. Temp. & Gen.—1, Adelaide-pl.
Universal—1, King William-street.
†Universal—1, King William-street.
University—25, Pall Mall.
Victoria—49, Fleet-street, and 1 and 2, Chiswell-street.
West. Co. and London—21, New Bridge-st.
*West of England—20, New Bridge-street.
†Westminster, 27, King-street, Covent-gn.
Westminster and General—28, King-st.
Whittington—58, Moorgate-street.

TAXES, LICENCES, AND STAMP DUTIES.

1. *Taxes.*

Inhabited House Duty (Great Britain)—On inhabited houses of the value of 20*l.* per annum or upwards, if used for the sale of goods, the shop or warehouse being on the ground-floor; or for the retail of beer, wines, or spirits; or if occupied by any person carrying on the business of an hotel-keeper, inn-keeper, or coffee-house-keeper, although not licensed to sell therein by retail ale, wine, or other liquors; or if occupied by a tenant or farm servant for husbandry purposes only, for every 20*s.* of annual value 6*d.*
If occupied for any other purposes .. 9*d.*
Tenements, or parts of tenements, occupied solely for purposes of trade, or for purpose of any profession or calling, are exempt from duty, although a servant or other person may dwell in such tenement for its protection.

Income Tax (United Kingdom)—The duty for 1878–79 is 5*d.* in the pound; and for occupiers of farms 2¼*d.* in the pound on the rent in England, and 1¾*d.* in Scotland and Ireland. Persons whose whole income from every source is under £150 a year are exempt. A deduction of £120 a year to be allowed from incomes below £400 a year, and balance taxed at 5*d.* in £1.

2. *Licences.*

	£	s.	d.
Appraisers	2	0	0
Armorial Bear.—If painted or affixed to any carriage ..	2	2	0
If otherwise worn or used	1	1	0
Attorneys, Notaries, & Conveyancers—London, Edinburgh, and Dublin	9	0	0
First three years	4	10	0
Ditto, elsewhere	6	0	0
First three years	3	0	0
Auctioneers	10	0	0
Bankers	30	0	0
Beer—Dealers in Strong Beer	3	6	1¾
,, for an additional licence to retail Beer not to be consumed on the premises.....	1	2	0½
Beer Retailers whose premises are rated under £20 per ann. (England and Ireland).....	1	2	0½
,, if rated at £20 or upwards	3	6	1¾
,, publicans not selling spirits	3	6	1¾
Retailers of Beer, Cider, and Perry, under 4 & 5 Wm. IV., c. 85, to be drunk on the premises (England only).....	3	6	1¾
,, not to be drunk on premises	1	2	0½
,, occasional licences for every day not exceeding 3 days at one time	0	1	0
Retailers of Beer, Cider, or Perry only in Scotland, whose premises are rated under £10 per annum	2	10	0
Do. at £10 p. an. or upwards	4	4	0
Retailers of Table Beer, at a price not exceeding 1½*d.* per qt., not to be drunk on the premises	0	5	0
Retailers of Beer, Spirits, Wine, and Tobacco, for an occasional licence to sell the like articles at another place, for a time not exceeding six days (this is to allow publicans to attend cricket matches, &c.), for each day. (A Magistrate's Certificate is required for the sale of Beer, Spirits, or Wine, by retail.)	0	2	6
Brewers—Brewers of Beer for sale, not exceeding 50 barrels	0	12	6
,, exceeding 50 barrels, for every 50 barrels or fractional part or number of an entire quantity of 50 barrels.....	0	12	6
Licence to any person first becoming a brew. of beer for sale	0	12	6
Retail Brewer's licence, not to be consumed on the premises	5	10	3
Brewers of Beer for sale who use sugar in brewing, an additional licence of.....	1	0	0
Carriages—With 4 wheels, weighing 4 cwt. and upwards	2	2	0
If with less than 4 wheels, or weighing less than 4 cwt....	0	15	0
Dogs—For every Dog above the age of six months ..... (Licences are issued at all Money Order Offices.) Penalty for non-payment, £5.	0	7	6
Firearms—To carry a gun or firearm of any description (Persons holding Game Licences, soldiers, and volunteers are exempt.)	0	10	0
Game—To kill Game, annually	3	0	0
,, from 6 April to 31 Oct.	2	0	0
,, from 1 Nov. to 5 April	2	0	0
Gamekeeper being an assessed servt., whether deputed or not	2	0	0
Gamekeeper in Ireland acting under a deputation registered with supervisor.....	3	0	0
Game Dealers.....	2	0	0
House Agents	2	0	0
Male Servants—Male Servants of any age.....	0	15	0
Maltsters—Making not exceeding 50 quarters	0	7	10½
For each additional 50 qrs..	0	7	10½
Exceeding 550 quarters	4	14	6
Beginners (and a surcharge)	0	7	10½
,, not exceeding 5 qrs	0	2	7½
Malt Roasters.....	20	0	0
Dealers in Roasted Malt....	10	0	0
Marriages—By spec. licence	5	0	0
,, not special	0	10	0
Medicine Vend.—Great Britain.....	0	5	0
Pawnbrokers—London & elsewhere (a Magistrate's Certificate required)	7	10	0
Plate Dealers—Selling 2 oz. gold and 30 oz. silver and upwards	5	15	0
under the above weight	2	6	0
Playing Cards—Makers of	1	0	0
Spirits—Distillers, rectifiers, or makers of methyl. spirits	10	10	0

	£	s.	d.
Dealers, not retailers.....	£10	10	0
Dealers, additional for retailing in quantities not less than a reputed quart bottle	3	3	0
Dealers for retailing for. liq...	2	2	0
Chemist or others using a still	0	10	0
Retailers of Spirits whose premises are rated under £10 per annum (England and Ireland)	2	4	1
,, At £10 and under £20..	4	8	2½
,, 20 ,, 25..	6	12	3½
,, 25 ,, 30..	7	14	4
,, 30 ,, 40..	8	16	4¾
,, 40 ,, 50..	9	18	5½
,, 50 or upwards.....	11	0	6
Retailers of Spirits whose premises are rated under £10 per annum (Scotland).....	4	4	0
,, At £10 and under £20..	5	5	0
,, 20 ,, 25..	9	9	0
,, 25 ,, 30..	10	10	0
,, 30 ,, 40..	11	11	0
,, 40 ,, 50..	12	12	0
,, 50 or upwards.....	13	13	0
Retailers (grocers) of Spirits in Ireland, being duly licensed to sell tea, coffee, &c., whose premises are rated under £25 per annum	9	18	5½
,, At £25 and under £30..	11	0	6
,, 30 ,, 40..	12	0	6½
,, 40 ,, 50..	13	4	7
,, 50 or upwards.....	14	6	7¾
Retailers of methylated spirits	0	10	0
Stage and Hackney Carriages-Drivers and Conductors, and Watermen (London) (These licences are issued by the Commissioners of Police).	0	5	0
Sweets Retailers.....	1	2	0½
,, if sold in two gall. or up.	5	5	0
Tobacco—Manufacturers of Tobacco and Snuff, not exceeding 20,000lbs.....	5	5	0
For every additional 20,000lbs. up to 100,000lbs.	5	5	0
And exceeding that	31	10	0
Beginners (and a surcharge on the quantity made) ..	5	5	0
Dealers in Tobacco and Snuff.	0	5	3
Vinegar Makers	5	5	0
Wine—Dealers in For. Wine, having licence to retail beer	2	4	1
,, having no licence to retail beer and spirits....	10	10	0
Refreshment Houses, if under the value of £30 a-year	0	10	6
,, above that value.	1	1	0
Refresh. Houses if to sell foreign wine, retail, to be consumed on the premises, and if under the value of £50 a-year	3	3	0
Refresh. houses above that value	5	5	0
Shopkeeper to sell For. & Brit. Wine not to be drunk or consumed, &c., if the rent be under £50	2	2	0
If £50 or over	3	3	0

3. *Stamp Duties.*

	£	s.
Admissions — To act in any court as advocate	50	0
To the degree of a barrister-at-law in England or Ireland	50	0
As attorney, solicitor, or proctor in England or Ireland, or writer to the signet in Scotland.....	25	0
As agent in supreme courts in Scotland, without indenture (*in addition to the said* £25).....	60	0
Ditto, in inferior courts in Scotland, without indenture (*in addition to the said* £25).....	30	0
To act as notary public in England	30	0
Ditto in Scotland	20	0
To be fellow of College of Physicians	25	0
To degree of Doctor of Medicine in the Universities of Scotland..	10	0
To a corporation in respect of privilege	1	0
To ditto, any other ground	3	0

	s.	d.
Agreements—Under hand only of the value of £5 or upwards, and not otherwise charged	0	6
Deeds not otherwise charged .	10	0

Appraisements — Amount	£	s.	d.
not above £5	0	0	3
Above £5, and not above £10 .	0	0	6
For each £10 up to £50	0	0	6
Above £50, and not above £100	0	5	0
100 ,, 200	0	10	0
200 ,, 500	0	15	0
500	1	0	0

	£	s.
Apprentices' Indentures—For every £5, and for any fractional part of £5, of amount or value of the premium or consideration	5	0
If no premium	2	6
Articles of Clerkship—Articles of Clerkship to an Attorney or Proctor in England or Ireland	£ 80	s. 0
In inferior courts in England, or in superior courts in Scotland	60	0
In inferior courts in Scotland, only	2	6

Bankers' Notes — payable on demand and re-issuable:

	s.	d.		s.	d.
Not above £1	0	5	Not above £20	2	0
,, 2	0	10	,, 30	3	0
,, 5	1	3	,, 50	5	0
,, 10	1	9	,, 100	8	0

	s.	d.
Bill of Exchange and Promissory Note payable on demand, at sight, or on presentation	0	1

Bill of Exchange and Promissory Note of any other kind whatsoever (except a bank note) drawn, payable, endorsed, or in any manner negotiated in the United Kingdom:

	s.	d.		s.	d.
Not above £5	0	1	Not above £50	0	6
,, 10	0	2	,, 75	0	9
,, 25	0	3	,, 100	1	0

	s.	d.
And for every £100, and for any fract. part of £100, of such am. or value	1	0

Bonds, Mortgages, and Warrants of Attorney—In Eng. or Ire.; personal Bonds in Scotland, given as security for the payment of any definite and certain Sum of Money:

	s.	d.		s.	d.
Not above £25	0	8	Not above £200	5	0
,, 50	1	3	,, 250	6	3
,, 100	2	6	,, 300	7	6
,, 150	3	9			

And where the same shall exceed £300, *s.d.* for every £100, and for any fractional part of £100 ..... 2 6

Conveyances—Conveyances or transfer, whether on sale or otherwise, of Bank of Eng. Stock, 7*s.* 9*d.*; of East India Stock, £1 10*s.*; and of Debenture Stock or Funded Debt of any Company or Corporation, and of Canadian Stock, 2*s.* 6*d.*, for every £100 or fraction of £100.

For all other property, except the above-named, where the purchase or consideration money therein or thereupon expressed be not above £5 .. 0 0 6

For every additional £5, or fraction of £5, up to £25 .... 0 0 6

For every £25, up to £300 .... 0 2 6

For every additional £50, and fraction of £50..... 0 5 0

Cost Book Mines.—Any note, instrument, or writing, authorizing the Purser of any Mining Company conducted on the Cost Book System to register any Transfer of Shares, &c. 0 6

Drafts—Draft or Order for Money 0 1

Ditto, drawn on a Banker 0 1

Lease.—For any definite term less than a year:— *s. d.*

Of any unfurnished dwelling, the rent of which does not exceed the rate of £10 a year 0 1

Of any furnished dwelling, or apartment, the rent of which exceeds £25 a year 2 6

For longer terms:—

Where the yearly rent does not exceed	Under 35 years.	From 35 to 100 years.	Above 100 years.
	s. d.	£ *s.*	£ *s*
£5	0 6	0 3	0 6
exceedg. £5 10	1 0	0 6	0 12
10 and not exceeding 15	1 6	0 9	0 18
15 and not exceeding 20	2 0	0 12	1 4
20 and not exceeding 25	2 6	0 15	1 10
25 and not exceeding 50	5 0	1 10	3 0
50 and not exceeding 75	7 6	2 5	4 10
75 and not exceeding 100	10 0	3 0	6 0
For every additional £50 and fractl. part of £50	5 0	1 10	3 0

Life and Fire Insurances— *s. d.*

Policy of Insurance made upon any life where the sum insured shall not exceed £10, 1*d.*; £25 .. 0 3

Above £25, and not above £500; for every £50, or part of £50 .. 0 6

Above £500, and not above £1,000, for every £100, or part of £100 1 0

Above £1,000, for every £1,000, or part of £1,000 ..... 10 0

Policy of Assurance for loss or damage by fire, or for loss of life by accident, or as compensation for personal injury ..... *s. d.* 0 1

Marine Insurances — For every Policy of Sea Insurance for or upon any Voyage:

For every £100 or fraction thereof 0 3

For every £100 or fraction thereof for time not ex. 6 months 0 3

Ditto above 6 and not exc. 12 mo. 0 6

If the separate interests of 2 or more persons are insured by 1 policy or instrument, the Duties are charged in respect of each.

Probates of Wills and Letters of Administration:—

WITH A WILL ANNEXED. Above the value of	and under		WITHOUT A WILL.
£100	£200	£2	£3
200	300	5	8
300	450	8	11
450	600	11	15
600	800	15	22
800	1,000	22	30
1,000	1,500	30	45
1,500	2,000	40	60
2,000	3,000	50	75
3,000	4,000	60	90
Each additional £1,000 up to £10,000		20	30

For the duties on values above £10,000, *see* Form No. 15, which can be obtained at the Receiver-General's Office, Inland Revenue, Somerset House.

Receipts—Receipt or discharge *s. d.* for the payment of £2 or upwards 0 1

Penalty for giving a receipt without a stamp, £10 under and £20 above £100.

Penalty for not effectually cancelling or obliterating adhes. stamps when used, £10

Succession to Real Property and Legacy Duties—If of the Value of £20 or upwards, out of Personal Estate, or charged upon Real Estate, &c.; and upon every share of Residue:—

To a child or parent, or any lineal descendant or ancestor of the deceased, £1 per cent.—To a brother or sister, or their descendants, £3 per cent.—To an uncle or aunt, or their descendants, £5 per cent —To a great-uncle or great-aunt, or their descendants, £6 per cent.—To any other relation, or any stranger in blood, £10 per cent.—Legacy to husband or wife, exempt.

Spoiled Stamps—The days for claiming the allowance at Somerset-house are Tuesdays and Thursdays, from 12 to 2 o'clock; on Saturdays, from 10 to 12; and at Winchester-buildings, Gt. Winchester-street, E.C., daily, except Saturday, from 11 to 2. Sea Policy Claims are examined at Winchester-bdgs., daily (except Saturday), between 11 and 2 o'clock.

MISCELLANEOUS INFORMATION.

GENERAL POST OFFICE, LONDON.

Inland Postage.—For Inland Letters not exceeding 1 oz., 1*d.*; not exceeding 2 oz., 1½*d.*, and ½*d.* for every additional 2 oz. up to 12 oz., beyond which the charge is 1*d.* per oz. on the whole, beginning with the first oz. Thus a letter weighing between 14 and 15 oz. must be prepaid 15*d.* Unless prepaid by stamps, the postage is charged double, and if the weight exceeds the value of the stamps attached, the excess is charged double. Stamps are issued of the value of ½*d.*, 1*d.*, 1½*d.*, 2*d.*, 2½*d.*, 3*d.*, 4*d.*, 6*d.*, 8*d.*, 1*s.*, 2*s.*, and 5*s.*

Post Cards can now be bought singly, at the following rate:—

Stout.	Thin.	Stout.	Thin.
1..... ¾*d.*	¾*d.*	4.....2¼*d.*	2¼*d.*
2.....1½	1¼	5.....3	3¼
3.....2	1¾	6.....4	3½

Evening Mails.—At *St. Martin's-le-*

Grand letters are received till 6, or till 7 on paying with stamp an additional 1*d.*; till 7.15 for an additional 2*d.*; till 7.30 for an additional 6*d.*; or up to 7.45 in the special box at the north side of the portico on payment of a late fee of 1*s.* in stamps in addition to the postage. Newspapers and book-packets are received till 5.30, or till 6.45 on payment of an additional ¼*d.*, and till 7.15 on payment of ½*d.* At the *E.C. Branch Offices in Lombard Street* and *Gracechurch Street*, letters are received till 6 without a fee, and till 7 on payment of an additional 1*d.* fee. At the other *Chief District Offices* letters are received until 6 p.m., or till 7 p.m., if bearing an extra 1*d.* stamp. The latest hour for the receipt of newspapers at these offices is 5.30 p.m. At the railway stations, and the district offices in the vicinity of the railway station from which they are to be conveyed, letters are received till later hours for the evening mails, at an extra charge of 2*d.* The hours in each case are given in the "Postal Guide." All payments must be made in stamps.

Morning Mails.—The Letter Boxes at the Receiving Houses are open till 8 p.m. the previous evening for newspapers and letters; and those at the District Offices until 6 a.m. Letters at the Pillar Boxes can be posted till 3 a.m. Letters for Ireland and Scotland must be posted at St. Martin's-le-Grand before 6.15 to go by the Morning Mails.

Newspapers.—The rate of postage for Newspapers duly registered at the General Post Office is ½*d.* each within the United Kingdom. To places abroad registered newspapers can be sent at charges varying according to weight, destination, and mail, *if posted within eight days from the date of publication, including that day;* any registered newspaper posted to a place abroad more than eight days after the day of publication, and all unregistered newspapers, whether by inland or foreign postage, are charged at the book post rates. Papers must be sent in covers open at the ends, and no packet must be above two feet in length, or one foot in width, or depth.

Registration. — All letters containing coin or articles of value should be registered. The fee of registration for any letter, newspaper, book, or other packet, sent to any place in the United Kingdom or the British Colonies is two pence. Registered letters must be prepaid, both as regards postage and registration fee, and in the case of inland letters, such prepayment must be by stamps. All inland letters containing coin are treated as registered letters, and, if not prepaid as such are charged with a fee of 8*d.* beyond postage. No letter containing coin, jewelery, watches, or other precious articles, can be registered if addressed to foreign countries.

Foreign Postage. — Under the Postal Union Treaty concluded at Berne on 9th October, 1874, the rate of postage to the following countries is 2½*d.* per half ounce letter, newspapers, 1*d.* per 4 oz.; printed papers, patterns, and legal and commercial documents, 1*d.* per 2 oz.: —Austro-Hungary, Belgium, Denmark, Egypt, France, Germany, Gibraltar, Great Britain, Greece, Heligoland, Italy, Luxemburg, Malta, the Netherlands, Norway, Persia, Portugal, Roumania, Russia, Servia, Spain, Sweden, Switzerland, Turkey, United States, and Montenegro.

Foreign Post Cards for transmission to any of these countries of the Union, bearing a stamp 1¼*d.*, may also be obtained For rates of postage to other countries, *see* "Postal Guide."

The following countries and places are also comprised in the General Postal Union, viz.:—Bermuda, Brazil, British Guiana, Ceylon, French Colonies, Hong Kong, India, Jamaica, Japan, Labuan, Mauritius, Netherland Colonies, Portuguese Colonies, Spanish Colonies, Straits Settlements, Trinidad. The rates of postage are:—For letters, 6*d.* per half-ounce; post cards (except British India, to which post cards are not forwarded), 3*d.* each; book and pattern packets, 2*d.* per 2 oz.; newspapers, 1*d.* per 4 oz. each. Correspondence intended for transmission via Brindisi is, however, subject to the following rates:—Letters, 8*d.* per half-ounce; post cards (except British India), 4*d.* each; book and pattern packets, 3*d.* per 2 oz.; newspapers, 2*d.* per 4 oz. each.

London District Post.—There are 12 deliveries daily in the Eastern Central District, within a circle of about three miles from the General Post Office, and eleven in the other districts within the same radius. There are six despatches daily to the suburban districts or places lying beyond the three miles radius from the General Post-office. The letters from the Provincial daily mails are included in the delivery next after their arrival.

Book and Packet Post.—The Inland rate of postage is:—For a packet not exceeding 2 oz., ½*d.*; and for every additional 2 oz., or fraction of 2 oz., ½*d.*, which must be prepaid in stamps or by stamped wrapper. The packet may consist of any number of sheets, written or printed, or of bound books, or maps or prints on rollers, or photographs, if not on glass, or circulars when they are wholly or in great part printed, engraved, or lithographed, or MSS. for publication, or proofs marked "for press" or "for revision;" such packets, however, not to exceed 1 foot 6 inches in length, 9 inches in width, 6 inches in depth, and 5 lbs. in weight, and all must be open at the ends or sides. In order to secure the return of packets which cannot be delivered, the names and addresses of the senders may be printed or written on the *outside*. At the Chief and District Post Offices in London, and at the Chief Offices in Edinburgh and Dublin, from 10 a.m. to 4 p.m., book-packets may be prepaid in money, provided the postage amount to not less than £1 in any one case, and provided the

packets are posted in bundles each representing a postage of 5*s*. A packet wholly unpaid will be charged double book postage, and if partially prepaid, with double the deficiency. Any packet not open at the ends or sides, or with any written letter or any communication of the nature of a letter written in it, or upon its cover, will be treated as a letter.

Money Orders.—The commission on Inland Money Orders, is as follows:—For sums under £1, 2*d*.; and 1*d*. for every additional £1 up to £10, the highest sum for which a single order is granted. Money Orders payable in Belgium, Denmark, France, the German Empire, Heligoland, Holland, Italy, Switzerland, Gibraltar, Malta, or Constantinople, are issued at all Money Order offices in the United Kingdom at a commission of 9*d*. for any sum not exceeding £2; 1*s*. 6*d*. for any sum above £2 and not exceeding £5; 2*s*. 3*d*. for sums between £5 and £7; and 3*s*. for sums between £7 and £10. To any other place abroad (including most of the colonies), authorised to transact money order business with this country, the commission is, for sums under £2, 1*s*.; under £5, 2*s*.; under £7, 3*s*.; under £10, 4*s*. No single order is granted for more than £10.

Post Office Telegraphs.—The charge for the transmission of messages by telegraph throughout the United Kingdom is 1*s*. for the first 20 words, and 3*d*. for every additional 5 words or part of five words. Names and addresses of sender and receiver are not charged. Stamped telegram cards and forms are supplied at 1*s*. each, and if one of these is placed in a letter-box, it is, at the next collection of letters, sent on to the nearest Postal Telegraph Office for immediate despatch. Telegrams may be repeated at the request of the sender, by being sent back from the office at which they are received to the office from which they are forwarded, for half the ordinary tariff, fractions of 3*d*. being reckoned as 2*d*. A reply to a telegram may be prepaid. Copies of a telegram directed to more than one firm or person in the same free delivery will be delivered separately at an additional charge of 3*d*. per copy. Telegrams may be re-directed from town to town at an extra charge of *one half*.the ordinary tariff, fractions of 3*d*. being reckoned as twopence. There is no charge for delivery if within the limit of the town postal delivery of the terminal office, when it is a head office; but when it is not a head office, the free delivery is limited to a distance of a mile. Beyond these limits in either case, the charge is 6*d*. per mile out and back. A sum of 1*s*. per double mile will be charged for delivery by cab, fly, or horse express.

Savings Banks.—Deposits of 1*s*. and any number of shillings, but no fractions thereof, are received at all Money Order Offices, which are also Post Office Savings Banks, but no depositor may deposit more than £30 in one year, or have more than a £150, exclusive of interest, standing to his credit. When principal and interest amount to £200 the interest ceases. The interest given is £2 10*s*. per cent. per annum on each complete pound.

Insurance and Annuities.—The Post Master General is empowered to insure lives between the ages of 16 and 60, for not less than £20, and not more than £100; and to grant immediate or deferred annuities of not more than £50, on persons between the ages of 16 and 60, such persons having direct Government security for payment of the money at the proper time. Full information may be obtained at any Post Office.

LONDON CAB FARES.

	s.	d.
For a (four wheel or two wheel) Cab hired and discharged within 4 miles of Charing Cross, if the distance does not exceed 2 miles	1	0
For each mile, or part of a mile beyond	0	6
When the hiring is by time:—		
For an hour or less (four wheeled)	2	0
For an hour or less (two wheeled)	2	6
For quarter of an hour or less, if the time exceeds an hour (four wheeled)	0	6
" " (two wheeled)	0	8
For any Cab hired outside the four-mile radius, whether discharged within it or not:—		
For each mile or under	1	0
If hired by time:—		
For each hour	2	6
For each ¼ hour beyond or part of 15 minutes	0	8
For any Cab hired within, but discharged without, the four-miie radius:—		
If not beyond a mile	1	0
For each additional mile within the four-mile radius	0	6
For each mile beyond the four-mile radius	1	0

If hired by time, the same fares as if hired without the circle. Charge for Luggage: 2*d*. for each package taken outside, whatever the number of persons carried, and whether hired by distance or by time. Charge for extra persons carried: For each person above two, 6*d*.; or if a child under 10, 3*d*. Charge for waiting when hired by distance: If hired within the circle, for a two-wheeled cab, 8*d*., and for a four-wheeled cab, 6*d*., for each fifteen minutes, whether in one or several stoppages, but no charge if the waiting has not occupied fifteen minutes. If hired without the circle, the charge is 8*d*. for fifteen minutes in any cab. Distance: If hired by distance a driver cannot be compelled to drive over six miles, or if hired by time for more than one hour. Complaints should be made to the proprietor of the cab, or to a Police Station.

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SOCIETY OF PAINTERS IN WATER-COLOURS—5A, Pall Mall East, S.W.
Pres.—Sir J. Gilbert, R.A. *Treas.* W. C. Smith. *Sec.*—A. D. Fripp

SOCIETY OF SCHOOLMASTERS — 10, John-street, Adelphi.
Chairman—Rev. T. Spyers, D.D.
Treas.—Rev. W. Baker, D.D.
Sec.—Octavian Blewitt, K.L.

STATISTICAL SOCIETY—Strand, W.C. (King's College Entrance).
Pres.—G. J. Shaw-Lefevre, M.P. *Hon. Secs.*—H. Chubb, B.A.; R. Giffen; Prof. W. S. Jevons, M.A., LL.D., F.R.S. *Treas.*—R. B. Martin, M.A. *Assist. Sec.*—J. Whittall. *Foreign Sec.*—F. J. Mouat, M.D.

VICTORIA INSTITUTE, OR PHILOSOPHICAL SOCIETY—7, Adelphi-terrace, W.C.
Pres.—Earl of Shaftesbury
Hon. Treas.—W. N. West
Hon. Sec.—Captain F. Petrie, F.R.S.L.

ZOOLOGICAL SOCIETY OF LONDON—11, Hanover-square, W.
Pres.—The Marquis of Tweeddale, F.R.S.
Treas.—R. Drummond
Sec.—Dr. Philip L. Sclater, M.A.

EDINBURGH.

ARCHITECTURAL INSTITUTE.
Pres.—Duke of Buccleuch, K.G.
Sec.—Jas. Gardiner

CALEDONIAN HORTICULTURAL SOCIETY.
Pres.—Duke of Buccleuch, K.G.
Treas.—P. N. Fraser
Sec.—J. Stewart, W.S. *Assist.*—W. Young

ROYAL COLLEGE OF PHYSICIANS.
Pres.—A. Peddie. *V.-Pres.*—A. Keiller
Treas.—J. A. Smith. *Sec.*—J. Wyllie

ROYAL COLLEGE OF SURGEONS.
Pres.—P. H. Watson, M.D.
Treas. & Sec.—J. Bell, F.R.C.S.
Clerk—James Robertson

ROYAL SOCIETY.
Pres.—Sir W. Thomson, LL.D.
Gen. Sec.—Dr. J. H. Balfour. *Secs. to Ord. Meetings*—Prof. Tait; Prof. Turner
Treas.—David Smith

SOCIETY OF ANTIQUARIES.
Pres.—The Marquis of Lothian
Secs.—J. A. Smith, M.D.; A. Mitchell, M.D., LL.D.
For. Secs.—David Laing, LL.D.; W. Forbes

ROYAL SCOTTISH ACADEMY.
Pres.—Sir Daniel Macnee. *Sec.*—William Brodie. *Clerk*—D. Reid

ROYAL SCOTTISH SOCIETY OF ARTS.
Pres.—R. M. Ferguson, Ph.D., F.R.S.E.; *Sec.*—Ed. Sang, F.R.S.E.

GLASGOW.

FACULTY OF PHYSICIANS AND SURGEONS.
Pres.—Andw Buchanan, M.D. *Treas.*—J. Coats, M.D. *Sec.*—A. Duncan, B.A.

DUBLIN.

COLLEGE OF PHYSICIANS.
Pres., Henry H. Head, M.D.—*Vice-Pres.*, James Little, M.D.—*Treas.*, Aquilla Smith, M.D.—*Regist.*, J. M. Finny, M.D.—*Lib.*, Hugh James Fennell.

ROYAL COLLEGE OF SURGEONS.
Pres.—P. C. Smyly, M.D.
Sec.—Wm. Colles, M.D.
Sec. to Council—Jas. S. Hughes, M.D.
Registrar—John Brennen

ROYAL DUBLIN SOCIETY.
Pres.—Duke of Leinster
Secs.—G. J. Stoney, M.A., F.R.S.; C. Kelly, Q.C.
Registrar—R. J. Moss, F.C.S.

ROYAL HIBERNIAN ACADEMY OF PAINTING, SCULPTURE, AND ARCHITECTURE.
Pres.—T. A. Jones. *Treas.*—T. Farrell
Sec.—B. C. Watkins. *Keeper*—P. V. Duffy
(Exhibition opens second Mon. in Feb.)

ROYAL IRISH ACADEMY.
Pres.—Sir R. Kane, M.D., F R.S.
Treas.—J. R. Garstin, LL.B., F.S.A.
Sec. of Acad.—R. S. Ball, F.R.S.
Sec. of Council—R. Atkinson, LL.D.
Sec. of Foreign Corres.—W. Archer, F.R.S.
Librarian—J. T. Gilbert, F.S.A.

COLONIAL GOVERNORS.

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Cyprus.—Lt.-Gen. Sir Garnet Wolseley, K.C.B., G.C.M.G.
Gibraltar.—Gen. Lord Napier of Magdala, G.C.B., G.C.S.I., R. Art.
Malta.—Gen. Sir Arthur Barton, K.C.B.
Heligoland.—Col. Sir H. Maxse, K.C.M.G., Governor.

America and West Indies.

Dominion of Canada.—Rt. Hon. Marquis of Lorne, K.T., G.C.M.G., Gov.-Gen. and Com.-in-Chief.
Ontario.—Hn. D. A. Macdonald, Lt.-Gov.
Quebec.—L.L. de St. Just, Lieut.-Gov.
Nova Scotia.—A. G. Archibald, C.M.G.
New Brunswick.—S. L. Tilley, C.B., Lt.-Gov.
Manitoba.—A. Morris, Lieut.-Governor.
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Newfoundland.—Com. Sir J. H. Glover, G.C.M.G., C.B., Gov. and Com.-in-Chief.
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British Guiana.—C. H. Kortwright, C.M.G., Governor and Com.-in-Chief.
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Jamaica & Dependencies.—Sir A. Musgrave, K.C.M.G., Capt., Con., and Gov.-in-Chief.
Bahama Islands.—Wm. Robinson, C.M.G., Lieut.-Governor.
Barbados and Windward Islands.—Capt. G. C. Strachan, R.A., C.M.G., Governor
St. Vincent.—G. Dundas, C.M.G., Lt.-Gov.
Grenada.—Col. Robt. Wm. Harley, C.B., C.M.G., Lt.-Gov.
Tobago.—Aug. F. Gore, Lt.-Gov.
Leeward Islands.—Geo. Berkeley, C.M.G., Governor and Com.-in-Chief.
Dominica.—C. M. Eldridge, Lieut.-Gov.
Trinidad.—Sir H. T. Irving, K.C.M.G., Gov. and Com.-in-Chief.

Africa.

Cape of Good Hope.—Rt. Hon. Sir H. B. E. Frere, Bt., G.C.B., Gov. and Com.-in-Ch.
Griqua Land West.—Maj. W. O. Lanyon, C.M.G., Adm. Gov.
Natal.—Sir Henry E. Bulwer, K.C.M.G., Lieut.-Gov.
West African Settlements.—Sur.-Maj. S. Rowe, C.M.G., Gov. and Com.-in-Chief.
Gambia.—Surg.-Major V. S. Gouldsburg, M.D., C.M.G., Adm. of the Government.
Gold Coast Colony.—Sir Sanford Freeling, K.C.M.G., Gov. and Com.-in-Chief.
Mauritius.—Maj.-Gen. Sir A. P. Phayre, K.C.S.I., C.B., Gov. and Com.-in-Chief.
St. Helena.—H. R. Janisch, C.M.G., Gov. and Commander-in-Chief.

Asia.

East Indies.—Lord Lytton, GCB., Viceroy and Governor-General.
Madras.—Rt. Hon. Duke of Buckingham and Chandos, G.C.S.I., Gov. [Gov.
Bombay.—Sir Rich. Temple, Bt., G.C.S.I.,
Ceylon.—Sir J. R. Longden, K.C.M.G., Gov. and Com.-in-Chief.
Straits Settlements.—Sir W. C. F. Robinson, K.C.M.G., Gov. and Com.-in-Chief.
Hong Kong.—J. P. Hennessy, C.M.G., Governor.
Labuan.—Herbert T. Ussher, C.M.G., Gov.

Australasia.

New South Wales.—Sir H. G. R. Robinson, G.C.M.G., Governor-General and Commander-in-Chief.
Victoria.—Sir G. F. Bowen, G.C.M.G., Gov.
Western Australia.—Maj.-Gen. Sir H. St. George Ord, G.C.M.G., C.B., Gov.
South Australia.—Maj.-Gen. Sir W. D. F. Jervois, G.C.M.G., C.B., Gov.
Queensland.—Sir A. E. Kennedy, K.C.M.G., C.B., Gov.
Tasmania.—F. A. Weld, C.M.G., Gov.
New Zealand.—Marquis of Normandy, G.C.M.G., Gov. and Com.-in-Chief.
Fiji.—Sir Arthur Hamilton Gordon, G.C.M.G., Gov. and Com.-in-Chief.

SOVEREIGNS AND HEADS OF GOVERNMENTS OF THE PRINCIPAL STATES OF THE WORLD.

Country.	*Name of Head of State.*	*Title.*	*Year of Birth.*	*Year of Accession.*
Austria	Franz Joseph	Emperor	1830	1848
Baden	Friedrich	Grand Duke	1826	1856
Bavaria	Ludwig II.	King	1845	1864
Belgium	Leopold II.	King	1835	1865
Brazil	Pedro II.	Emperor	1825	1831
Denmark	Christian IX.	King	1818	1863
Egypt	Ismail Pacha	Khedive	1823	1863
France	MacMahon	President	1808	1873
German Empire	Wilhelm	Emperor	1797	*1870
Gr. Britain and Ireland	Victoria	Queen	1819	1837
Greece	Georgios	King	1845	1863
Hesse	Ludwig IV.	Grand Duke	1837	1877
Italy	Umberto	King	1844	1878
Netherlands	Willem III.	King	1817	1849
Persia	Nasser-ed-Din	Shah	1829	1848
Portugal	Luis	King	1838	1861
Russia	Alexander II.	Emperor	1818	1855
Saxony	Albert	King	1828	1873
Spain	Alphonso XII.	King	1857	1874
Sweden and Norway	Oscar II.	King	1829	1872
Turkey	Abdul Hamid Khan	Sultan	1842	1876
United States	Hayes	President	1823	1877
Würtemburg	Karl	King	1823	1864
Roman Church	Leo XIII.	Pope	1810	1878

* King of Prussia, 1861

FOREIGN MINISTERS IN ENGLAND, AND QUEEN'S MINISTERS ABROAD.

Countries sending or receiving Ministers.	Ministers from, at London.	British Ministers at.
America, United States of.....	Hon. John Welsh, Env. Ext. and Min. Plen. W. J. Hoppin, Sec. of Leg.	Rt. Hon. Sir E. Thornton, K.C.B., Env. Ext. and Min. Plen. V. A. W. Drummond, S. of Leg.
Argentine Republic	Senor Don Mariano Balcarce, Env. Ext. and Min. Plen.	F.C.Ford, C.B., C.M.G. Amb. Min. Plen. J.P.H. Gastrell, Sec. of Leg.
Austria and Hungary	Count Karolyi, Amb. Ext. and Plen. Count Montgelas, Sec. to Emb.	Rt. Hon. Sir Henry G. Elliot, G.C.B., Amb. Ext. and Plen. Col. Hon. F. A. Wellesley, Sec. of Emb.
Baden.....	(Vacant)	Hn. W. N. Jocelyn, Ch. d'Affaires (and for Hesse Darmstadt).
Bavaria	(Vacant)	Maj.-Gen. Edward Stanton, C.B., Chargé d'Affaires.
Belgium	Baron Solvyns, Env. Ext. and Min. Plen. Baron D'Anethan, Sec. of Leg.	Sir J. S. Lumley, K.C.B., Env. Ext. and Min. Plen. Sir H. P. T. Barron, Bart., Sec. of Leg.
Bolivia	(Vacant)	
Brazil	Baron de Penedo..... Chev. de Souza Correa Sec. of Leg.	G. B. Mathew, C.B., Min. Plen. F. R. St. John, Sec. of Leg.
Chili	Don Alberto Blest Gana, Env. Ext. and Min. Plen.	Hon. F. J. Pakenham, Min. Res. and Consul-General.
China	Kuo Sung Tao, Env. Ext. and Min Plen. Li Shu Chang, Sec.	Sir Thos. Fras. Wade, K.C.B., Env. Ext. and Min. Plen. (Vacant), Sec. of Leg.
Colombia, United States of.....	Gen. Sergio Camargo, Env. Ext. and Min. Plen.	Col. Chas. Edwd. Mansfield, Ch. d'Affaires.
Denmark	Gen. J. de Bulow, Env. Ext. and Min. Plen. M.' de Krag, Sec. of Leg.	Sir Charles L. Wyke, K.C.B., Env. Ext. and Min. Plen. J. G. F. Russell, Sec. of Leg.
Ecuador.....		Fred. Hamilton, Min. Res.
French Republic	Marquis d'Harcourt, Ambassador Chas. Gavard, Sec. of Embassy.	Rt. Hon. Lord Lyons, G.C.B., Amb. Ext. and Plen. F. C. Adams, C.B., Sec. of Emb.
German Empire	Count Munster, Amb. Ext. and Plen. Baron de Brincken, First Sec. of Embassy	Rt. Hon. Lord Odo William Russell, G.C.B. Sir John Walsham, Bt., Sec. of Emb.
Greece	M. J. Gennadius, Ch. d'Aff.	Edwin Corbett, Env. Ex. & Mi. Ple. Henry Mounsey, Sec. of Leg.
Guatemala, &c...	Gen. Don Pedro Romulo Negrete, Env. Ext. and Min. Plen.	Sidney Locock, Min. Res.
Hayti	M. C. G. Villevalex, Ch. d'Aff ..	Robt. Stuart, Min. Res.
Honduras		Sidney Locock, Min. Res.
Italy	General Count Menabrea, Amb. Ext. and Min. Plen. Cav. T. Catalani	Rt. Hn. Sir A. B. Paget, K.C.B., Amb. Ext. and Min. Plen. Hugh G. Macdonell, Sec. of Leg.
Japan	Env. Ex. and Min. Plen., Shogoi Wooyeno Kagenori Suzuki Kinso, Sec. of Leg.	Sir Harry S. Parkes, K.C.B., Env. Ext. and Min. Plen. J. G. Kennedy, Sec. of Leg.
Morocco	Ambassador, Cid el Hadj. Mohammed Cid Mohammed el Jaydy, First Sec.	Sir J. H. Drummond Hay, K.C.B., Min. Plen.
Netherlands	Count Van Bylandt, Env. Ex. and Min. Plen. Chev. A. de Stuers, Coun. of Leg.	Hon. Wm. Stuart, C.B., Env. Ext. and Min. Plen. H. P. Fenton, Sec. of Leg.
Nicaragua	Don. Josè de Marcoleta, Min. Plen.	Sidney Locock, Min. and Con. Gen.
Persia.....	Prince Nazem Malkam Khan, Env. Ext. and Min. Plen. Mirza Mykaël Khan, Sec.	W. T. Thomson, C.B., Env. Ext. and Min. Plen. R. F. Thomson, Sec. of Leg.
Perú	(Vacant) ..... Col. J. J. Almonte, Sec.	Spencer St. John, Min. Res.
Portugal.....	Sen. Don Miguel, M, D'Antas, En. Ex. & Min. Plen. E. T. de Samporio, 1st Sec. of Leg.	Robert B. D. Morier, C.B., Env. Ext. and Min. Plen. Dudley E. Saurin, Sec. of Leg.

Countries sending or receiving Ministers.	Ministers from, at London.	British Ministers at.
Russia	Count Schouvaloff, Amb. Ex. and Plen. M. Boutenoff, 1st Sec. of Emb.	Rt. Hon. Lord A. W. F. S. Loftus, G.C.B., Amb. Ext. and Plen. Hon. F. R. Plunkett, Sec. of Emb.
Saxony		
Spain	Marquis de Cava Layleria, Env. Ext. & Mi. Plen Senor Castellanos, Sec. of Leg.	Hon. Lionel S. S. West, Env. Ext. and Min. Plen. G. H. Wyndham, C.B., S. of Leg.
Sweden and Norway	Count C. E. Piper, Env. Ext. and Min. Plen. Count A. M. Otto Steenbock, Sec. of L.	Hon. E. M. Erskine, C.B., Env Ext. and Min. Plen. R. G. Watson, Sec. of Leg.
Switzerland	M. Henri Vernet, Agent and Cons. Gen.	Sir H. Rumbold, Bt., Agent and Con. Gen.
Turkey	H. E. Musurus Pasha, Amb. Ex. and Plen. Stephen Musurus Bey, Sec. of E.	Rt. Hon. Sir A. H. Layard, G.C.B., Amb. Ext. and Plen. E. B. Malet, C.B., Sec. of Emb.
Uruguay		F. C. Ford, C.B., Ch. d'Affaires.
Venezuela	Senor Don José M. Rejas	Robt. Bunch, Min. Res.
Würtemberg	(Vacant)	G. G. Petre, Chargé d'Affaires.

METROPOLITAN WATER COMPANIES, WITH THEIR OFFICES.

Chelsea--35, Commercial-rd., Pimlico, S.W.
East London—16, St. Helen's-place, E.C.
Grand Junction—65, South Molton-street, Brook-street, W.
Lambeth—175, Kennington-park-rd., S.E.
New River—New River Head, E.C.
Southwark & Vauxhall—Sumner-st., S.E.
West Middlesex—19, Marylebone-road.

TABLE OF EXPENSES, INCOME, OR WAGES.

Pr. Yr.	Pr. Month.			Per Week.			Per Day.		Pr. Yr.	Pr. Month.			Per Week.			Per Day.		
£	£	s.	d.	£	s.	d.	s.	d.	£	£	s.	d.	£	s.	d.	£	s.	d.
1	0	1	8	0	0	4½	0	0¾	20	1	13	4	0	7	8	0	1	1¼
2	0	3	4	0	0	9¼	0	1¼	30	2	10	0	0	11	6	0	1	7¾
3	0	5	0	0	1	1¾	0	2	40	3	6	8	0	15	4	0	2	2¼
4	0	6	8	0	1	6½	0	2¾	50	4	3	4	0	19	2	0	2	9
5	0	8	4	0	1	11	0	3¼	60	5	0	0	1	3	0¼	0	3	3½
6	0	10	0	0	2	3½	0	4	70	5	16	8	1	6	10¼	0	3	10
7	0	11	8	0	2	8¼	0	4½	80	6	13	4	1	10	8¾	0	4	4¾
8	0	13	4	0	3	0¾	0	5¼	90	7	10	0	1	14	6¼	0	4	11¼
9	0	15	0	0	3	5½	0	6	100	8	6	8	1	18	4½	0	5	5¼
10	0	16	8	0	3	10	0	6½	200	16	13	4	3	16	9	0	11	0
11	0	18	4	0	4	2¾	0	7¼	300	25	0	0	5	15	1	0	16	5
12	1	0	0	0	4	7¼	0	8	400	33	6	8	7	13	5	1	1	11
13	1	1	8	0	4	11¾	0	8½	500	41	13	4	9	11	9	1	7	5
14	1	3	4	0	5	4¼	0	9¼	600	50	0	0	11	10	2	1	12	11
15	1	5	0	0	5	9	0	9¾	700	58	6	8	13	8	6	1	18	4
16	1	6	8	0	6	1½	0	10½	800	66	13	4	15	6	10	2	3	10
17	1	8	4	0	6	6¼	0	11¼	900	75	0	0	17	5	2	2	9	4
18	1	10	0	0	6	10¾	0	11¾	1000	83	6	8	19	3	6	2	14	10
19	1	11	8	0	7	3½	1	0½										

The Months in the above Table are calculated at only Twelve Months to the Year. If the Yearly Wages be Guineas instead of Pounds, for each Guinea add one Penny to each Month, or one Farthing to each Week. Thus, Six Pounds per year are Ten Shillings per Month; but, if the Wages be six Guineas, add one Penny for each Guinea, that is, Sixpence, and it will then be Ten Shillings and Sixpence per Month. In like manner, by adding Six Farthings to each Week, the Wages will be Two Shillings and Fivepence per Week.

TABLE OF THE VALUE OF A LEASE, PER £100 CLEAR ANNUAL RENTAL.

Yrs.	Val.	Yrs.	Val.	Yrs.	Val.	Yrs.	Val.	Yrs.	Val.
1	96	7	600	16	1,165	28	1,666	55	2,211
2	189	8	673	18	1,266	30	1,729	60	2,262
3	278	9	744	20	1,359	35	1,866	70	2,339
4	363	10	811	22	1,445	40	1,979	80	2,392
5	445	12	939	24	1,525	45	2,072	90	2,427
6	524	14	1,056	26	1,598	50	2,148	100	2,450

Example.—The present value of the lease of an estate with a clear rental of £300 per annum, and having 24 years to run, is three times £1,525, or £4,575.

MUSEUMS AND OTHER PUBLIC INSTITUTIONS IN LONDON AND ITS NEIGHBOURHOOD.

Bethnal Green Branch of South Kensington Museum—Open: Mon., Tu., and Sat., 10 to 10, Thurs., and Fri., 10 to 6, Free; Wed., 10 to 6, 6*d*.

British Museum, Great Russell-street—Open on Mon., Wed., and Fri., from 10 to 4 (Sat., 12 to 4), in Jan., Feb., Nov., and Dec.; 10 to 5 (Sat., 12 to 5), in March, April, Sept., and Oct.; 10 to 6, in May, June, July, and Aug (Sat., 12 to 8, Mon., 10 to 8, from 8 May to middle of Aug.). Closed the first week in Feb., May, and Oct., on Ash Wed., Good Friday, Christmas Day, and Fast or Thanksgiving Days. Classes, or other bodies of persons, are admitted on Tues. and Thurs. on previous application to the Principal Librarian.

Dulwich Picture Gal.—Open daily from 10 to 4 in winter, 10 to 5 in summer. Free.

Geological Museum, Jermyn-st., Piccadilly—Daily, except Fri., 10 to 4 during Nov., Dec., Jan., and Feb.; 10 to 5 during rest of year. Closed Aug. 10 to Sept. 10. Open on Mon. and Sat. till 10 p.m.

Greenwich Hospital—Painted Hall open daily, free, from 10 to 6, from April 1 to Sept. 15; until sunset during rest of year. Naval Museum containing a collection of naval models, open daily, except Friday and Sunday, from 10 to 4 in winter, and 10 to 5 in summer. Free.

Hampton Court Palace—Daily, except Fri. and Christmas Day. April 1 to Sept. 30, from 10 to 6 (Sun., 2 to 6); and Oct. 1 to Mar. 31, from 10 to 4 (Sun., 2 to 4). Free.

India Museum, Exhibition Road, South Kensington Station.—Mon., Sat., 1*d*.; Tues., Wed., Thurs., Fri., 6*d*., Season tickets: monthly, 2*s*.; annual, 10*s*.

Library, Reading Room, & Museum of the Corpora. at Guildhall—Library and Reading Room, daily from 10 a.m., to 9 p.m. Museum, Mar. 1 to Oct. 1, 10 a.m. to 5 p.m., Oct. 1 to March 1, 10 a.m. to 4 p.m. Free.

National Gallery, Trafalgar Square—Mon., Tues., Wed., and Sat. Closed during October and on Christmas Day and Good Fri. Thurs. and Fri., students' days.

National Portrait Gallery, South Kensington—Mon., Tues., and Sat., 10 to 6 in summer, 10 to 4 in winter. Free.

Parks and Gardens open daily, free—Hyde Park, Regent's Park, St. James's Park, Victoria, Battersea, Kennington, Finsbury, Southwark, West Ham.

Royal Botanic Soc. of Lon., Gardens and Museum, Regent's Park—Admission by Fellow's order.

Royal College of Surgeons' Museum, Lincoln's Inn Fields—Mon., Tues., Wed., and Thurs., 11 to 4, Oct. to Feb. inclusive; and 11 to 5, March to August inclusive. Closed in Sept.

Royal Gardens, Kew—The *Botanical Gardens* and *Pleasure Grounds* are open every week-day from 1 till sunset (Christmas-day alone excepted), and no person can be admitted at other hours, except for purposes of special study, by permission to be obtained on application at the Curator's office. On Sundays they are open from 2 till sunset, and on Bank Holidays from 10 till sunset.

Royal Geographical Society, 1, Savile Row—10½ to 4½; Saturdays, 10½ to 2. Admission to the *Library* by Fellows' order; to the *Map Room*, *Charts*, *Models*, &c., by giving name and address.

Royal Horticultural Society, South Kensington. Daily. Mon., 6*d*.; other days, 1*s*.; on show days see advertisements; Sundays by Fellow's order.

Royal United Service Institution Museum, Whitehall Yard—Daily, 11 to 5 in summer, 11 to 4 in winter. Admission by Members' Ticket, or by application to the Sec.; Fri., by a Mem.'s personal intrdctn.

Soane Museum, 13, Lincoln's Inn Fields—Wed. and Thurs. in Feb. and March; Wed., Thurs., and Fri. during April, May, and June; Wed. and Thurs. in July and Aug.: from 11 to 5. Admission free: on Fridays by tickets, to be obtained from a Trustee or from the Curator.

South Kensington Museum.—Daily, except Sun., Good Fri., and Christmas Day; Mon., Tues., and Sat., 10 a.m. to 10 p.m., Free; Wed., Thurs., and Fri., 10 to 4, 5, or 6, according to season, 6*d*. National Art Training Schools open to the public on Sat., from 2 to dusk.

Tower of London—Daily; the armouries and regalia, 10 to 4; 6*d*. to each place. Free on Mon. and Sat.

Westminster, Palace of—By free tickets, obtainable at the Lord Great Chamberlain's office, adjoining the Victoria Tower, every Sat., from 10 to 4, and Easter Mon. & Tues. and Whit. Mon. & Tues. Admiss. to hear the debates in the Ho. of Lords or Commons by a Peer's or a Member's order only.

Windsor Castle—The State Apartments are generally open, in the absence of the Court, of which notice is given through the press, Mon., Tues., Thurs., and Fri., April to Oct., 11 to 4; Nov. to Mar., 11 to 3.

Woolwich Arsenal—Free Tues. and Thurs., from 10 to 11.30, and from 2 to 4.30, by cards from the Under-Sec. for War, in the case of British subjects. Foreigners can only obtain admission by application to the Representatives of their Countries in England.

Zoological Gardens, Regent's Park—Admission on Mon., 6*d*.; on other days, 1*s*., and on Sunday by order.

METROPOLITAN GAS-LIGHT COMPANIES, WITH THEIR OFFICES.

Commercial—Johnson-street, Stepney, E.
Crystal Palace Dist.—Low. Sydenham, S.E.
Gas-light and Coke—Horseferry-rd., S.W.
Lea Bridge District—3, Jeffrey's-sq., E.C.
London—26, Southampton-st, Strand, W.C.
New Limited—Wormwood Scrubs.
Phœnix—70, Bankside, S.E.
South Metrop.—589, Old Kent-road, S.E.
Surrey Consumers'—293, Rotherhithe-st., S.E.
West Ham—Stratford, E.
West Kent—237, Southwark-brdg.-rd., S.E.

WEIGHTS AND MEASURES.

1. MEASURE OF LENGTH.

12	Inches	=	1 Foot
3	Feet	=	1 Yard
5½	Yards	=	1 Rod or Pole
40	Poles	=	1 Furlong
8	Furlongs	=	1 Mile
69 1/10	Miles	=	1 Degree of a Great Circle of the Earth.

An inch is the smallest lineal measure to which a name is given, but subdivisions are used for many purposes. Among mechanics, the inch is commonly divided into *eighths*. By the officers of the revenue, and by scientific persons, it is divided into *tenths*, *hundredths*, &c.

Particular Measures of Length.

A Nail	=	2¼	Inches	used for measuring cloth of all kinds.
Quarter	=	4	Nails	
Yard	=	4	Quarters	
Ell	=	5	Quarters	
Hand	=	4	Inches	used for height of horses.
Fathom	=	6	Feet	used in measuring depths.
Link	=	7	In. 92 hdths.	used in Land Measure to facilitate computation of the content, 10 square chains being equal to an acre.
Chain	=	100	Links	

2. MEASURE OF SURFACE.

144	Sq. Inches	=	1 Sq. Foot
9	Sq. Feet	=	1 Sq. Yard
30¼	Sq. Yards	=	1 Perch or Rod
40	Perches	=	1 Rood
4	Roods	=	1 Acre
640	Acres	=	1 Sq. Mile

3. MEASURES OF SOLIDITY AND CAPACITY.

Division I.—Solidity.

1728	Cubic Inches	=	1 Cubic Foot
27	Cubic Feet	=	1 Cubic Yard

Division II.—Capacity.

4 Gills	= 1 Pint	=	34¾	cub. ins., nearly.
2 Pints	= 1 Quart	=	69¼	——
4 Qts.	= 1 Gallon	=	277¼	——
2 Gall.	= 1 Peck	=	554½	——
8 Gall.	= 1 Bushel	=	2218½	——
8 Bush.	= 1 Quarter	=	10¼	cub. feet, nearly.
5 Qrs.	= 1 Load	=	51½	——

The four last denominations are used for dry goods only. For liquids several denominations have been heretofore adopted, viz.:—For Beer, the Firkin of 9 Gallons, the Kilderkin of 18, the Barrel of 36, the Hogshead of 54, and the Butt of 108 Galls. Flour is sold nominally by measure, but actually by weight, reckoned at 7 lbs. avoirdupois to a gallon.

4. MEASURE OF WEIGHT.

Division I.—Avoirdupois Weight.

27 11/32 Grains	= 1 Drachm	=	27 11/32 gr.
16 Drachms	= 1 Ounce	=	437½ —
16 Ounces	= 1 Pound (lb.)	=	7000 —
28 Pounds	= 1 Quarter (qr.)		
4 Quarters	= 1 Hundredweight (cwt.)		
20 Cwt.	= 1 Ton		

This weight is used in almost all commercial transactions, and in the common dealings of life.

The particular weights belonging to this Division are as follow:—

			cwt.	qr.	lb.	
14 Pounds	= 1 Stone	=	0	0	14	Used in the Wool Trade.
2 Stone	= 1 Tod	=	0	1	0	
6½ Tod	= 1 Wey	=	1	2	14	
2 Weys	= 1 Sack	=	3	1	0	
12 Sacks	= 1 Last	=	39	0	0	

Division II.—Troy Weight.

24 Grains	= 1 Pennyweight	=	24 gr.
20 Pennywts.	= 1 Ounce	=	480 —
12 Ounces	= 1 Pound	=	5760 —

These are the denominations of Troy Weight when used for weighing gold, silver, and precious stones (except diamonds). But Troy Weight is also used by Apothecaries in compounding medicines, and by them the ounce is divided into 8 drams, and the dram into 3 scruples, so that the scruple is equal to 20 grains.

For scientific purposes the grain only is used; and sets of weights are constructed in decimal progression, from 100,000 grains downwards to 1/100 of a grain.

The *carat*, used for weighing diamonds, is 3⅛ grains. The term, however, when used to express the fineness of gold, has a relative meaning only. Every mass of alloyed gold is supposed to be divided into 24 equal parts; thus the standard for coin is 22 carat fine, that is, it consists of 22 parts of pure gold, and 2 parts of alloy.

5. ANGULAR MEASURE.

or, Divisions of the Circle.

60 Seconds	=	1 Minute
60 Minutes	=	1 Degree
30 Degrees	=	1 Sign
90 Degrees	=	1 Quadrant
360 Degrees, or 12 Signs	—	1 Circumference

6. MEASURE OF TIME.

60 Seconds	=	1 Minute
60 Minutes	=	1 Hour
24 Hours	=	1 Day
7 Days	=	1 Week
28 Days	=	1 Lunar Month
28, 29, 30, or 31 Days	=	1 Calendar Month
12 Calendar Months	=	1 Year
365 Days	=	1 Common Year
366 Days	=	1 Leap Year

In 400 Years, 97 are leap years, and 303 common.

WEIGHT OF ENGLISH COINS.

	dwt.	gr.
Gold.		
Sovereign	5	3¼
Half Sovereign	2	13¼
Double Sovereign	10	6½
Silver.		
Crown	18	4 4-11
Half Crown	9	2 2-11
Florin	7	6 6-11
Shilling	3	15 3-11
Sixpence	1	19 7-11
Fourpence	1	5 1-11

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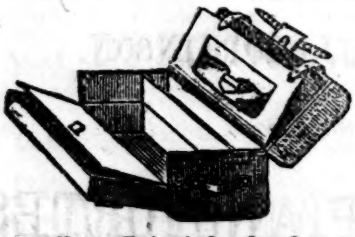

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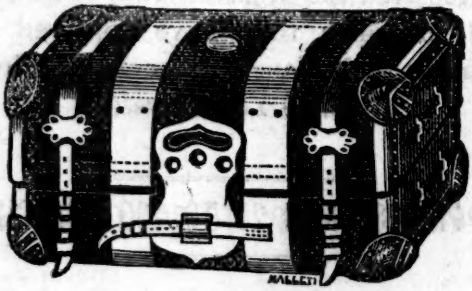

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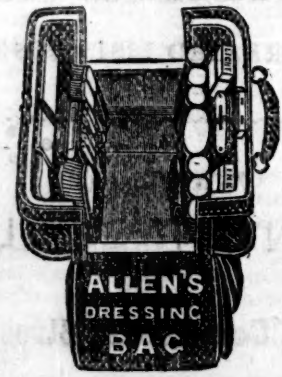

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CAMOMILE PILLS,

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A MILD, YET SPEEDY, SAFE, AND

EFFECTUAL AID IN CASES OF INDIGESTION,

AND ALL STOMACH COMPLAINTS,

AND, AS A NATURAL CONSEQUENCE, A

PURIFIER OF THE BLOOD & A SWEETENER OF THE WHOLE SYSTEM.

INDIGESTION is a weakness or want of power of the digestive juices in the stomach to convert what we eat and drink into healthy matter, for the proper nourishment of the whole system. It is caused by everything which weakens the system in general, or the stomach in particular. From it proceed nearly all the diseases to which we are liable; for it is very certain that if we could always keep the stomach right we should only die by old age or accident. Indigestion produces a great variety of unpleasant sensations; amongst the most prominent of its miserable effects are a want of, or an inordinate appetite, sometimes attended with a constant craving for drink, a distension or feeling of enlargement of the stomach, flatulency, heartburn, pain in the stomach, acidity, unpleasant taste in the mouth, perhaps sickness, rumbling noise in the bowels; in some cases of depraved digestion there is nearly a complete disrelish for food, but still the appetite is not greatly impaired, as at the stated period of meals persons so afflicted can eat heartily, although without much gratification; a long train of nervous symptoms are also frequent attendants, general debility, great languidness, and incapacity for exertion. The minds of persons so afflicted frequently become irritable and desponding, and great anxiety is observable in the countenance, they appear thoughtful, melancholy, and dejected, under great apprehension of some imaginary danger, will start at any unexpected noise or occurrence, and become so agitated that they require some time to calm and collect themselves; yet for all this the mind is exhilarated without much difficulty; pleasing events, society, will for a time dissipate all appearance of disease; but the excitement produced by an agreeable change vanishes soon after the cause has gone by. Other symptoms are, violent palpitations, restlessness, the sleep disturbed by frightful dreams and startings, and affording little or no refreshment; occasionally there is much moaning, with a sense of weight and oppression upon the chest, nightmare, &c.

It is almost impossible to enumerate all the symptoms of this first invader upon the constitution, as in a hundred cases of *Indigestion* there will probably be something peculiar to each; but be they what they may, they are all occasioned by the food becoming a burden rather than a support to the stomach; and in all its stages the medicine most wanted that is

OBSERVATIONS ON INDIGESTION.

which will afford speedy and effectual assistance to the digestive organs, and give energy to the nervous and muscular systems—nothing can more speedily or with more certainty effect so desirable an object than *Norton's Extract of Camomile Flowers*. The herb has from time immemorial been highly esteemed in England as a grateful anodyne, imparting an aromatic bitter to the taste, and a pleasing degree of warmth and strength to the stomach, and in all cases of indigestion, gout in the stomach, windy colic, and general weakness, it has for ages been strongly recommended by the most eminent practitioners as very useful and beneficial. The great, indeed only, objection to its use has been the large quantity of water which it takes to dissolve a small part of the flowers and which must be taken with it into the stomach. It requires a quarter of a pint of boiling water to dissolve the soluble portion of one drachm of Camomile Flowers; and when one or even two ounces may be taken with advantage, it must at once be seen how impossible it is to take a proper dose of this wholesome herb in the form of tea: and the only reason why it has not long since been placed the very first in rank of all restorative medicines is, that in taking it the stomach has always been loaded with water which tends in a great measure to counteract, and very frequently wholly to destroy the effect. It must be evident that loading a weak stomach with a large quantity of water, merely for the purpose of conveying into it a small quantity of medicine, must be injurious; and that the medicine must possess powerful renovating properties only to counteract the bad effects likely to be produced by the water. Generally speaking, this has been the case with Camomile Flowers, a herb possessing the highest restorative qualities, and when properly taken, decidedly the most speedy restorer, and the most certain preserver of health.

NORTON'S CAMOMILE PILLS are prepared by a peculiar process accidentally discovered, and known only to the proprietor, and which he firmly believes to be one of the most valuable modern discoveries in medicine, by which all the essential and extractive matter of more than an ounce of the flowers is concentrated in four moderate-sized pills. Experience has afforded the most ample proof that they possess all the fine aromatic and stomachic properties for which the herb has been esteemed; and, as they are taken into the stomach unencumbered by any diluting or indigestible substance, in the same degree has their benefit been more immediate and decided. Mild in their operation and pleasant in their effect, they may be taken at any age, and under any circumstances, without danger or inconvenience. A person exposed to cold and wet a whole day or night could not possibly receive any injury from taking them, but on the contrary, they would effectually prevent a cold being taken. After a long acquaintance with and observance of the medicinal properties of *Norton's Camomile Pills*, it is only doing them justice to say, that they are really the most valuable of all TONIC MEDICINES. By the word tonic is meant a medicine which gives strength to the stomach sufficient to digest in proper quantities all wholesome food, which increases the power of every nerve and muscle of the human body, or in other words, invigorates the nervous and muscular systems. The solidity or firmness of the whole tissue of the body, which so quickly follows the use of *Norton's Camomile Pills*, their certain and speedy effect in repairing the partial dilapidations from time or intemperance, and their lasting salutary influence on the whole frame, is most convincing, that in the smallest compass is contained the largest quantity of the tonic principle, of so peculiar a nature as to pervade the whole system, through which it diffuses health and strength sufficient to resist the formation of disease, and also to fortify the constitution against contagion; as such, their general use is strongly recommended as a preventative during the prevalence of malignant fever or other infectious diseases, and to persons attending sick-rooms they are invaluable, as in no one instance have they ever failed in preventing the taking of illness, even under the most trying circumstances.

As *Norton's Camomile Pills* are particularly recommended for all stomach complaints or indigestion, it will probably be expected that some advice will be given respecting diet, though after all that has been written upon the subject, after the publication of volume upon volume, after the country has, as it were, been inundated with practical essays on diet as a means of prolonging life, it would be unnecessary to say more, did we not feel it our duty to make the humble endeavour of inducing the public to regard them not, but to adopt that course which is dictated by nature, by reason, and by common sense. Those persons who study the wholesomes, and are governed by the opinion of writers on diet, are uniformly both unhealthy in body and weak in mind. There can be no doubt that the palate is designed to inform us what is proper for the stomach, and of course that must best instruct us what food to take and what to avoid: we want no other adviser. Nothing can be more clear than those articles which are agreeable to the taste were by nature intended for our

OBSERVATIONS ON INDIGESTION.

food and sustenance, whether liquid or solid, foreign or of native production; if they are pure and unadulterated, no harm need be dreaded by their use; they will only injure by abuse. Consequently whatever the palate approves, eat and drink always in moderation, but never in excess; keeping in mind that the first process of digestion is performed in the mouth, the second in the stomach; and that, in order that the stomach may be able to do its work properly, it is requisite the first process should be well performed; this consists in masticating or chewing the solid food, so as to break down and separate the fibres and small substances of meat and vegetable, mixing them well, and blending the whole together before they are swallowed; and it is particularly urged upon all to take plenty of time to their meals and never eat in haste. If you conform to this short and simple, but comprehensive advice, and find that there are various things which others eat and drink with pleasure and without inconvenience, and which would be pleasant to yourself only that they disagree, you may at once conclude that the fault is in the stomach, that it does not possess the power which it ought to do, that it wants assistance, and the sooner that assistance is afforded the better. A very short trial of medicine will best prove how soon it will put the stomach in a condition to perform with ease all the work which nature intended for it. By its use you will soon be able to enjoy, in moderation, whatever is agreeable to the taste, and unable to name one individual article of food which disagrees with or sits unpleasantly on the stomach. Never forget that a small meal well digested affords more nourishment to the system than a large one, even of the same food when digested imperfectly. Let the dish be ever so delicious, ever so enticing, a variety offered, the bottle ever so enchanting, never forget that temperance tends to preserve health, and that health is the soul of enjoyment. But should an impropriety be at any time, or ever so often committed, by which the stomach becomes overloaded or disordered, render it immediate aid by taking a dose of *Norton's Camomile Pills*, which will so promptly assist in carrying off the burden thus imposed upon it that all will soon be right again.

It is most certainly true that every person in his lifetime consumes a quantity of noxious matter, which if taken at one meal would be fatal; it is these small quantities of noxious matter, which are introduced into our food, either by accident or wilful adulteration, which we find so often upset the stomach, and not unfrequently lay the foundation of illness, and perhaps final ruination to health. To preserve the constitution, it should be our constant care, if possible, to counteract the effect of these small quantities of unwholesome matter; and whenever, in that way, an enemy to the constitution finds its way into the stomach, a friend should immediately be sent after it, which would prevent its mischievous effects, and expel it altogether; no better friend can be found—no, none which will perform the task with greater certainty, than NORTON'S CAMOMILE PILLS. And let it be observed that the longer this medicine is taken the less it will be wanted, and it can in no case become habitual, as its entire action is to give energy and force to the stomach, which is the spring of life, the source from which the whole frame draws its succour and support. After an excess of eating or drinking, and upon every occasion of the general health being at all disturbed, these Pills should be immediately taken, as they will stop and eradicate disease at its commencement. Indeed, it is most confidently asserted, that by the timely use of this medicine only, and a common degree of caution, any person may enjoy all the comfort within his reach, may pass through life without an illness, and with the certainty of attaining a healthy OLD AGE.

On account of their volatile properties, they must be kept in bottles; and if closely corked their qualities are neither impaired by time nor injured by any change of climate whatever. Price 13½*d.* and 2*s.* 9*d.* each, with full directions. The large bottle contains the quantity of three small ones, or PILLS equal to fourteen ounces of CAMOMILE FLOWERS.

Sold by nearly all respectable Medicine Vendors. Be particular to ask for "NORTON'S PILLS," and do not be persuaded to purchase an imitation.

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Is strongly recommended for softening, Improving, Beautifying, and Preserving the SKIN, and giving it a blooming and charming appearance. It will completely remove Tan, Sunburn, Redness, &c., and by its Balsamic and Healing qualities render the skin soft, pliable, and free from dryness, &c., clear it from every humour, pimple, or eruption; and by continuing its use only a short time, the skin will become and continue soft and smooth, and the complexion perfectly clear and beautiful.

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THE value of this Medicine has been largely tested in all parts of the world and by all grades of society for upwards of fifty years.

Its extensive sale has induced SPURIOUS IMITATIONS, some of which, in outward appearance, so closely resemble the Original as easily to deceive even careful observers. The Proprietor therefore feels it due to the Public to give a SPECIAL CAUTION against the purchase of such imitations.

All purchasers are therefore requested carefully to observe that the words "JOHN STEEDMAN, Chemist, Walworth, Surrey," are engraved on the Government Stamp affixed to each Packet, IN WHITE LETTERS ON A RED GROUND, without which none are genuine. The true STEEDMAN is spelt with *two EEs.*

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FIRE DEPARTMENT.

Fire Premiums for the Year	£788,059	2	11
Being an increase of £65,601 upon the preceding year.			
Losses	£427,477	19	10

LIFE DEPARTMENT.

Income from Premiums, after deducting Re-Assurances	£245,058	6	9

BONUSES DECLARED at the last two Divisions of Profits:—£1 10*s.* per cent. per annum on sum Assured, upon all Policies entitled to participate.

FUNDS.

After providing for payment of the Dividend and Bonus, the Funds of the Company will stand as follows:—

Capital paid-up	£289,545	0	0
Fire Fund	400,000	0	0
Reserve Fund	750,000	0	0
Balance of Profit and Loss	71,695	15	0
Life Funds	2,246,802	4	7
	£3,758,042	19	7

GROWTH OF FUNDS.

1862	£881,304
1867	1,409,741
1872	2,320,940
1877	3,758,042

Extract from Auditors' Report.

"We have examined and counted every Security, and have found all correct and in perfect order, and that the present aggregate market value thereof is in excess of the amounts in the said Balance-Sheets."

JOHN H. McLAREN, Manager.
DIGBY JOHNSON, Sub-Manager.

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In Class B Policies have a reduction of Premium for the whole term of Life, which in the cases of those effected in 1871, varies from 3½ per cent. to 24 per cent., according to the age of the Life Assured.

VALUATION BALANCE SHEET, 31st DECEMBER, 1875.

Assurance Fund (accumulated solely from Premiums) ..	£675,883 3 8
Net Liability under Assurance and Annuity transactions..	337,366 16 0
Surplus available for future Bonus and Expenses	£338,516 7 8

All the Profits belong to the Assurred, and are applied to the gradual reduction and ultimate extinction of their premiums, a result which may be expected to occur, in the average cases, in about 20 years from the date of the Policy.

Funds for the **Education of Children** and for their **Establishment in Life** may be provided on unusually favourable terms, on a new system lately introduced by this Society, based upon Tables of Mortality specially constructed for the purpose.

Loans granted upon Life Interests, Reversions, and other approved Security.

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"FIRE PROTECTION:"

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A COMPLETE MANUAL OF THE ORGANIZATION, MACHINERY, DISCIPLINE, AND GENERAL WORKING OF THE FIRE BRIGADE OF LONDON.

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CHARLES AND EDWIN LAYTON,
FLEET STREET.

ATLAS
Fire and Life Assurance Company,

92, CHEAPSIDE, LONDON.

Established 1808,

And Empowered by Act of Parliament of the 54th Geo. III. c. 79.

Capital, £1,200,000.

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This Office has been established more than 70 years, and its present magnitude and prosperity prove the soundness of the principles on which it has been conducted.

Life Department.

The Accumulated Premiums are over £1,550,000. The Annual Income exceeds £160,000.

The sum of £6,285,167 has been paid in claims under Life Policies.

Large Bonuses have been declared and paid as additions to the amounts assured.

Premiums on Policies have been reduced where parties have so applied the Bonuses on their Policies.

Persons Assuring in Great Britain have the option of *Participating* Rates of Premium, or of *Non-Participating* Rates.

Combined provision may be made for old age and early death, so that a person may secure a sum to be paid *to himself* at an age agreed upon, or to his executors if he should die before that age.

Residence in Countries beyond the limits of Europe is allowed on favourable terms; in most temperate climates without extra Premium, beyond a moderate charge for the voyage only. *Whole world* Assurances are granted.

Notices of the Assignment of Life Policies are received and acknowledged.

Advances are made on Policies to the extent of their value.

Persons desiring to surrender their Assurances may receive their value in money, or in lieu thereof, may obtain a new Policy *without further payment of Premium.*

The Directors are ready to receive proposals for Assurances or any contingency involving payment of a sum at death.

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Renewals should be paid within fifteen days after the respective Quarter-day when they become due.

Losses occasioned by *Lightning* will be paid. The *Policies* of the *Company* extend to cover *Losses* occasioned by the *Explosion of Gas.*

The Company is ready to receive applications for agencies in those Towns and Districts in which it is not at present represented. Application to be made to the Secretary.

All Fire Assurances are now exempt from the payment of Government Duty.

Tables of Rates, Forms of Proposal, and any information needful to effect Life or Fire Assurances, may be obtained on application to the Office, No. 92, Cheapside, London, or to any of the Company's Agents.

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Total Annual Income .. .. **£298,345.**

NO AGENTS EMPLOYED, AND NO COMMISSION PAID.

Reduced Premiums.—Assurances may be effected upon payment of four-fifths of the rates chargeable according to the Society's Table, subject to *certain conditions* fully set forth and explained in the Prospectus.

Claims.—The total amount of Claims paid upon death from the commencement of the Society to 1st June, 1878, was **£1,607,860.**

Bonus.—The whole available Bonus is the sole property of Life Assurers; no part whatever is taken from it to be shared amongst Proprietors. At the end of every fifth year, profits are equitably apportioned amongst existing Life Assurances. By means of Bonus, many of the earlier Life Assurances have been relieved altogether from the payment of Annual Premiums, and additions in almost every case have been made to the sums Assured; £343,140 was divided amongst Life Assurances at the declaration of Bonus on 1st June 1876. Next Bonus due 1st June, 1881.

Assurers have the privilege, at the time of making an Assurance, of selecting the mode in which the Bonus, whenever due, shall be applied, viz.—in an immediate Cash payment, or to the reduction of the Annual Premium, or to the increase of the Capital sum assured.

ASSURANCES may be effected on LIVES, SURVIVORSHIPS, &c., &c., as stated in the Society's Prospectus, to any amount not exceeding £7,500.

This Society is strictly confined to the Clergy of the Church of England and of the Episcopal Church of Scotland, their Wives and Families, and the near relations of themselves and Wives.

Prospectuses, Bonus Accounts, Forms of Proposal, &c., may be had at the Offices, on personal application, or by letter.

1 & 2, *Broad Sanctuary, Westminster.*

Eagle Insurance Company,

(FOR LIVES ONLY,)

79, PALL MALL, LONDON, S.W.

(ESTABLISHED 1807.)

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Accumulated Funds	**3,083,281**

Also a Subscribed Capital of more than 1,500,000

Expenses of Management barely exceed Three per Cent. of the Gross Income.

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THE ECONOMIC
LIFE ASSURANCE SOCIETY,

No. 6, NEW BRIDGE STREET, BLACKFRIARS, LONDON, E.C.

ESTABLISHED 1823.

Empowered by Act of Parliament, 3 *William IV.*

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ADVANTAGES OFFERED BY THE SOCIETY:—

The **lowest** rates of Premium on the **Mutual System,** for young and middle-aged lives, with early participation in Profits.

Security—Accumulated Fund	**£3,272,219**
Annual Income	**363,763**
Claims paid, with Bonus Additions	**5,507,150**
Bonuses declared	**2,858,415**

Bonus.—The Society being on the **mutual** principle, the Assured share the **whole of the Profits.** Policies effected before 31st December of each year, receive a full year's Bonus for the year of entry on their first participating.

Table of Annual Premiums required for an Assurance of £100 for the whole Term of Life, with Participation in Profits.

	£	s.	d.		£	s.	d.
20	1	14	7	35	2	10	11
25	1	19	0	40	2	19	9
30	2	4	3	45	3	11	9

Assurances granted to the extent of **£10,000** on a single life.

Prospectuses, Statement of Accounts, and full particulars may be obtained on application to

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EQUITABLE LIFE ASSURANCE SOCIETY,

OPPOSITE THE MANSION HOUSE, LONDON.

Founded A.D. 1762.

THE OLDEST LIFE OFFICE ON THE MUTUAL PRINCIPLE IN THE WORLD.

BONUS TABLE FOR 1879.

TABLE showing the Amount payable under a Policy for £1,000 (with its additions), in the event of its becoming a claim after payment of the premium due in the year 1879.

Policies effected since December 31, 1816.	Sum payable with Additions. £	s.
From 1st Jan. 1817 to 24th April 1817....	2890	0
„ 24th April 1817 to 16th April 1818....	2810	0
„ 18th April 1818 to 4th Feb. 1819....	2730	0
„ 5th Feb. 1819 to 3rd Jan. 1820....	2650	0
„ 7th Jan. 1820 to 22nd Dec. 1820....	2570	0
„ 23rd Dec. 1820 to 30th Nov. 1821....	2490	0
„ 1st Dec. 1821 to 7th Mar. 1823....	2410	0
„ 7th Mar. 1823 to 24th May 1824....	2330	0
„ 25th May 1824 to 8th Mar. 1825....	2250	0
„ 9th Mar. 1825 to 3rd Nov. 1826....	2195	0
„ 7th Nov. 1826 to 15th July 1828....	2140	0
„ 21st July 1828 to 1st Mar. 1830....	2085	0
„ 3rd Mar. 1830 to 24th Nov. 1831....	2030	0
„ 24th Nov. 1831 to 1st Aug. 1833....	1975	0
„ 1st Aug. 1833 to 18th June 1835....	1920	0
„ 19th June 1835 to 21st July 1837....	1865	0
„ 21st July 1837 to 22nd Jan. 1839....	1810	0
„ 24th Jan. 1839 to 10th Dec. 1840....	1755	0
„ 15th Dec. 1840 to 2nd Nov. 1842....	1700	0
„ 12th Nov. 1842 to 18th June 1845....	1665	0
„ 19th June 1845 to 2nd Mar. 1847....	1630	0
„ 3rd Mar. 1847 to 14th Nov. 1848....	1595	0
„ 14th Nov. 1848 to 19th Nov. 1850....	1560	0
„ 19th Nov. 1850 to 26th July 1853....	1525	0
„ 26th July 1853 to 31st Dec. 1855....	1490	0
„ 1st Jan. 1856 to 31st Dec. 1856....	1455	0
„ 1st Jan. 1857 to 31st Dec. 1857....	1420	0
„ 1st Jan. 1858 to 31st Dec. 1858....	1385	0
„ 1st Jan. 1859 to 31st Dec. 1859....	1350	0
„ 1st Jan. 1860 to 31st Dec. 1860....	1332	10
„ 1st Jan. 1861 to 31st Dec. 1861....	1315	0
„ 1st Jan. 1862 to 31st Dec. 1862....	1297	10
„ 1st Jan. 1863 to 31st Dec. 1863....	1280	0
„ 1st Jan. 1864 to 31st Dec. 1864....	1262	10
„ 1st Jan. 1865 to 31st Dec. 1865....	1227	10
„ 1st Jan. 1866 to 31st Dec. 1866 ...	1192	10
„ 1st Jan. 1867 to 31st Dec. 1867....	1157	10
„ 1st Jan. 1868 to 31st Dec. 1868....	1122	10
„ 1st Jan. 1869 to 31st Dec. 1869....	1087	10
„ 1st Jan. 1870 to 31st Dec. 1870....	1070	0
„ 1st Jan. 1871 to 31st Dec. 1871....	1052	10
„ 1st Jan. 1872 to 31st Dec. 1872....	1035	0
„ 1st Jan. 1873 to 31st Dec. 1873....	1017	10

The "Equitable" has never allowed COMMISSION.

J. WARE STEPHENSON, *Actuary.*

GUARDIAN
Fire and Life Assurance Company.
HEAD OFFICE:
11, LOMBARD STREET, LONDON, E.C.

Established 1821, *and Empowered by Special Acts of Parliament.*

Subscribed Capital	£2,000,000
Capital paid up	1,000,000
Total Invested Funds, upwards of	2,894,000
Total Income, upwards of	465,000

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The Quinquennial Valuation to Christmas, 1874, was made on the basis of the Institute of Actuariess' (H^M) Table of Mortality and 3 per cent. interest. The Valuation was strictly a net premium one, the whole of the loading being reserved.

The amount of profit divided among 2,875 participating policies, assuring £3,002,776. was £128,000, which was equivalent to a return of 29 per cent. of the premiums received during the five years.

The Valuation Report concludes as follows:—

"The Company's Accumulated Life Reserve Fund is about £21,000 more than is required by a Net Premium Valuation according to the Institute of Actuaries' (H^M) Table of Mortality. This is equalled by very few Offices indeed, and the additional Guarantee afforded by the paid-up capital of £1,000,000 places the Guardian in a position of singular financial strength."

Life Assets (1877) - £1,465,000 | Life Income - - - £179,000.

FIRE DEPARTMENT.

Insurances effected upon Property at Home and Abroad at Moderate Rates.

Fire Assets (1877) - £355,000 | Fire Income - - £240,000

HAND-IN-HAND

FIRE AND LIFE INSURANCE SOCIETY,

NEW BRIDGE STREET, BLACKFRIARS, LONDON, E.C.

Instituted in 1696.—*Extended to Life Insurance,* 1836.

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The **oldest Insurance Office** in the World.

The **only Mutual Office** in the Kingdom for both **Fire and Life.**

There being **no Shareholders, all Profits** are **divided amongst** the **Insured, the Returns** on **Policies of Five Years' standing and upwards** being, with few exceptions—

In the Fire Department, 20 per cent. of the Premium of Annual Policies.

Septennial Policies as heretofore.

In the Life Department, 55 to 65 per cent. of the Premium of Members' Policies.

No Policy Holder is subject to **any Personal Liability.**

The Directors are **willing to appoint as Agents persons of good position and character.**

31st DECEMBER, 1877.

Claims paid on Life Policies to this date	£1,404,384.
Amount of Profits returned ditto	1,035,008.

ASSETS.

Accumulated Fund	£1,780,046.
Present Value of Life Premiums	1,524,154.

LIABILITIES.

Present Value of Sums Insured (£4,032,390)	£1,995,331.
Present Value of Life Annuities (£7,887 per Ann. and £250 Contingent)	58,194.
Annual Income	240,316.

The Accounts of the Society may be had on application at the Office.

BENJAMIN BLENKINSOP, *Secretary.*

The Liverpool and London and Globe INSURANCE COMPANY.

ESTABLISHED 1836.

OFFICES:—1, DALE STREET, LIVERPOOL; CORNHILL, AND CHARING CROSS, LONDON.

Empowered specially by Parliament.

INVESTED FUNDS, £5,814,367 STERLING.

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REVENUE IN 1877.

Fire Premiums	£1,052,465
Life Premiums	£250,790

LIFE CLAIMS PAID THIRTY DAYS AFTER ADMISSION.

Agencies are established for effecting both Fire and Life Insurances, and facilitating the payment of Premiums in all parts of the World.

THE LONDON ASSURANCE.

Incorporated by Royal Charter, A.D. 1720.

FOR FIRE, LIFE, AND MARINE ASSURANCES.

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The Corporation has granted Fire, Life, and Marine Assurances for more than a Century and a half; during that long period it has endeavoured to introduce into its practice all the real improvements that have from time to time been suggested, and to afford every facility for the transaction of business.

Of the Share Capital the sum of £448,275 has been paid up; the total Funds, on the 31st December, 1877, exceeded Three Millions sterling.

Copies of the accounts pursuant to "The Life Assurance Companies' Act, 1870," can be had on application personally or by letter.

J. P. LAURENCE, *Secretary.*

NORTH BRITISH AND MERCANTILE INSURANCE COMPANY.

ESTABLISHED IN 1809.

CAPITAL TWO MILLIONS.

Accumulated Life Funds	£2,711,876
Fire Reserve Fund	1,097,248

DIRECTORS.

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Deputy-Chairman, Charles Morrison, Esq.
Richard Baring, Esq.
Richard Brandt, Esq.
A. H. Campbell, Esq.
Edward Cohen, Esq.
John Fleming, Esq., C.S.I.
P. du Pré Grenfell, Esq.
Right Hon. Lord Lawrence, G.C.B., C.S.I.
Hon. Hugh M'Culloch.
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George Garden Nicol, Esq.
Baron John H. W. Schröder.
George Young, Esq.

MANAGER OF FIRE DEPARTMENT.
G. H. Burnett.

MANAGER OF LIFE DEPARTMENT.
Henry Cockburn.

SECRETARY.—F. W. Lance.

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David Smith, F.R.S.E.

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THE PRINCIPLES on which this Company was founded, and on which it continues to act, combine the system of Mutual Assurance with the safety of a large Protecting Capital and Accumulated Funds, and thus afford all the facilities and advantages which can prudently be offered by any Life Assurance Office. Under these principles the business of the Company continues rapidly to increase.

NINETY PER CENT. of the WHOLE PROFITS is divided among the Assurers on the Participating Scale.

THE PROFITS are divided every Five Years.

POLICIES INDISPUTABLE after Five Years.

ANNUITIES of all kinds are granted, and the rates fixed on the most favourable terms.

FIRE DEPARTMENT.

PROPERTY OF EVERY DESCRIPTION, at Home and Abroad, Insured at the most favourable rates.

The net premiums for 1877 amounted to £908,014.

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THE

PROVIDENT LIFE OFFICE,

50, REGENT STREET, LONDON, W.

FOUNDED 1806.

HALF-CREDIT SYSTEM,

Applicable only to With-Bonus Policies for the whole Term of Life (TABLE A), *and to Lives not exceeding 60 years of age.*

UNDER this system, one-half the Premium only is payable during the first 5, 7, or 10 years, in the option of the Assured; the other half-premium remains a charge against the Policy, bearing 5 per cent. interest, payable in advance.

The arrears of half-premium may be paid off at any time, or be deducted from the sum assured when the claim arises, or from the Office value in case of surrender.

This system offers the advantage of a low premium during the early years of life, and thus enables an Assurer to open a policy for a larger amount than could be obtained under the ordinary terms.

The large Bonuses declared by this Office may reasonably be expected (except upon Policies of a very recent date) to clear off any charge which may be due for these arrears of premium.

BONUSES UPON POLICIES STILL IN EXISTENCE.

No. of Policy.	Date of Policy.	Sum Assured.	Policy Increased by Bonnses to	Percentage of Bonus to Sum Assured.
		£	£ s. d.	
3,924	1821	5,000	13,056 15 0	161 per Cent.
5,389	1824	1,000	2,364 14 0	136 ,,
6,876	1829	1,000	2,305 18 0	130 ,,
6,111	1827	200	478 16 10	139 ,,

S. A. BEAUMONT, Esq., *Managing Director.*
CHARLES STEVENS, Esq., *Secretary.*

British Empire Mutual Life Assurance Company,

NEW BRIDGE STREET, LONDON, E.C.

Established 1847. *Empowered by Special Act of Parliament.*

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Physician—E. H. GREENHOW, M.D., F.R.S. *Surgeon*—JOHN MANN, Esq.
Actuary—J. MARTIN, F.I.A.

This Company being established on the **Mutual Principle,** all the profits belong to the Members.

Every third year a careful Valuation of the Assets and Liabilities is made, and at each Valuation large Bonuses have been declared. The next division of profits, viz., the tenth, will be declared in 1879.

It has Policies now in force, assuring a sum exceeding **Three Millions and a Quarter Sterling.**

It has an Annual Income of more than **One Hundred and Thirty-two Thousand Pounds.**

It has an Accumulated Fund, arising solely from premiums, exceeding **Six Hundred and Eighty-two Thousand Pounds.**

It has paid in claims upwards of **Seven Hundred and Ninety-five Thousand Pounds.**

Loans on Churches, Chapels, School Buildings, &c., advanced at 4½ per cent. Interest.

Loans on personal security in connection with Life Assurance.

Prospectuses and Copies of the last Report and Balance Sheet, and all needful information, can be obtained on application to any of the Agents of the Company, or to EDWIN BOWLEY, *Secretary.*

THE

GENERAL REVERSIONARY & INVESTMENT COMPANY,

Office—No. 5, WHITEHALL, LONDON, S.W.

ESTABLISHED 1836.

Further Empowered by Special Act of Parliament, 14 and 15 Vict., cap. 130.

CAPITAL, £500,000.

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Deputy-Chairman—Colonel Joseph Walker Jasper Ouseley.

Mayow Wynell Adams, Esq.
Thomas Allen, Esq.
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Edward Carleton Tufnell, Esq.
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Auditors—Sir Charles Rhoderick McGrigor, Bart., Martin John King Becher, Esq., John Cookes, Esq.
Bankers—Messrs. Drummond.
Solicitors—Messrs. Shoubridge & May, 19, Lincoln's Inn Fields, W.C.

The business of this Company consists in the PURCHASE of, or LOANS upon—

Reversionary Interests, vested or contingent, in *Landed* or *Funded Property*, or *Securities;* also

Life Interests in *Possession*, as well as in *Expectation;* and

Policies of Assurance upon Lives.

Loans upon Reversions may be obtained either at an Annual Interest or in consideration of deferred charges, payable upon the *Reversions* falling in.

Immediate Annuities are likewise granted upon the latter principle to persons entitled to Reversionary Interests, who may thus obtain an income until their property falls into possession, without being called upon for any payment until that event.

Prospectuses and Forms of Proposal may be obtained from the Secretary, to whom all communications should be addressed.

WM. BARWICK HODGE, *Actuary and Secretary.*

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INCORPORATED BY ROYAL CHARTER,

WITH POWER TO HOLD LAND BY GIFT OR PURCHASE.

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Annuity Fund. Elective Annuities to Aged Governesses, secured on invested capital, and thus independent of the prosperity of the Institution.

Provident Fund. Provident Annuities purchased by Ladies in any way connected with Education, upon Government Security, agreeably to the Act of Parliament. This branch includes a Savings Bank.

A Home for Governesses during the intervals between their engagements.

A System of Registration, entirely free of expense.

An Asylum for the Aged.

Membership consists in the payment of an annual Guinea, or of Ten Guineas in one sum. Subscribers are entitled to vote for Annuities in the proportion of one Vote for each Annual Half-Guinea not in arrear, and for each Donation of Five Guineas. Subscriptions are due on the 1st of January, and can always be remitted by Post-Office Order, or by a Cheque crossed 'Sir S. Scott & Co.'

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HOLBORN BARS,

AND

62, LUDGATE HILL, LONDON, E.C.

REVERSIONS PURCHASED.

EVERY DESCRIPTION OF LIFE ASSURANCE AND ANNUITY BUSINESS TRANSACTED.

The Annual Premium Income exceeds £1,321,000.

The Policies in this Company become absolutely indisputable after they have been in existence five years, or immediately, to the extent of the principal, interest, and costs, not exceeding the sum, Assured if assigned to an innocent holder for a *bonâ fide* consideration.

The last Annual Report can be obtained upon application.

QUEEN INSURANCE COMPANY.

CAPITAL £2,000,000.

CHIEF OFFICES:—QUEEN INSURANCE BUILDINGS, LIVERPOOL, AND 60, GRACECHURCH STREET, LONDON.

TWENTIETH ANNUAL REPORT.

The Report and Accounts for the year 1877, presented to the Shareholders at the Annual Meeting, on Thursday, 23rd May, 1878, at which Bernard Hall, Esq., presided, showed:—In the Fire Branch, that the premiums for 1877, after deducting Re-insurances, amounted to **£450,883**, being an increase of **£47,068** over the premium income of 1876, and the losses to **£383,567** (including **£127,000** lost in the St. John Fire), and that after providing for all liabilities the reserves stand at **£243,441**. In the Life Department, that new policies had been issued for **£192,905**, and that the Life Fund, by the additions made to it as the result of the year's operations, now represents 66·5 per cent. of the entire net premiums received on every policy in force.

A Dividend and Bonus at the rate together of 15 per cent. per annum was declared, after providing for which,

THE FUNDS will stand as follows:—

Capital Paid-up	£180,035
Reserve Fund and Suspense Account	243,441
Life Assurance Accumulation Fund	276,206
Annuity Fund	8,587
The Income of the Company is now	£545,433
The Company has paid in satisfaction of Claims	£2,469,622

J. MONCRIEFF WILSON, *General Manager.*
T. WALTON THOMSON, *Sub-Manager.*
J. K. RUMFORD, *Secretary in London.*

ROCK LIFE ASSURANCE COMPANY.

ESTABLISHED A.D. 1806.

No. 15, NEW BRIDGE ST., BLACKFRIARS, LONDON.

DIRECTORS.

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JOHN GODDARD, Esq.
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HENRY JOHN TRITTON, Esq.
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Physician.—FREDERIC JOHN FARRE, M.D., F.R.C.P. *Surgeon.*—BUXTON SHILLITOE, Esq., F.R.C.S.
Solicitors.—Messrs. KENDALL & CONGREVE, Union Bank Chambers, Lincoln's Inn.
Bankers.—Messrs. BARCLAY, BEVAN, TRITTON, TWELLS, & Co.
Actuary.—HENRY WILLIAM PORTER, Esq.

The **ROCK LIFE ASSURANCE COMPANY**, which has been established nearly **Three Quarters of a Century**, has an **Accumulated Fund** of more than **Three Millions Sterling**, invested in Mortgages on Land, and other first-class Securities:—

	£	s.	d.
Viz., on the 20th August, 1875	3,167,289	2	9
Sum Assured—Inclusive of Bonus Additions—at that date . . .	4,893,272	6	4
Estimated Liability thereon (Northampton Table of Mortality, 3 per Cent. Interest).	1,451,708	14	6
Being less than one-half the Fund invested.			
Total Amount of Bonus Additions made to Policies	3,251,871	3	9
Amount of Profits divided for the Seven Years ending 20th August, 1875	535,216	16	0
Annual Income	286,533	19	7
Total Claims paid—Inclusive of Bonus Additions	7,893,697	1	8

*** Copies of the Accounts deposited with the Board of Trade, pursuant to "The Life Assurance Companies' Act, 1870," as well as of the Periodical Valuation Accounts, and every information may be obtained on application. H. W. PORTER, *Actuary.*

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(Established by Royal Charter, A.D. 1720.)

FOR SEA, FIRE, LIFE, AND ANNUITIES.

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FRANCIS ALEXANDER HAMILTON, Esq., *Deputy-Governor.*

Directors.

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JOHN GARRATT CATTLEY, Esq.
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ALEXANDER DRUCE, Esq.
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CHARLES SEYMOUR GRENFELL, Esq.
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WILMOT HOLLAND, Esq.
EGERTON HUBBARD, Esq., M.P.
WILLIAM KNOWLES, Esq.
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DANIEL MEINERTZHAGEN, Esq.
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LIFE ASSURANCES with or without participation in Profits.

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A large participation in Profits, with the guarantee of the invested Capital Stock, and exemption, under Royal Charter, from the Liabilities of Partnership.

All real improvements in modern practice, with the security of an Office whose resources have been tested by the experience of **more than a Century and a half.**

The Corporation are open to consider applications for Agencies.

A Prospectus, Table of Bonus, and Balance Sheet will be forwarded on application.

E. R. HANDCOCK, *Secretary.*

SOVEREIGN LIFE ASSURANCE COMPANY,

48, ST. JAMES'S STREET, LONDON, S.W.

CITY BRANCH—122, CANNON STREET E.C.

Directors.

Chairman—Sir JAMES CARMICHAEL, Bart.

Deputy-Chairman—JOHN ASHBURNER, Esq., M.D.

Lieutenant-Colonel BATHURST.
JOHN GARDINER, Esq.
J. MORGAN HOWARD, Esq., Q.C.
CHARLES WILLIAM REYNOLDS, Esq.
Sir J. E. EARDLEY-WILMOT, Bart.

The Directors endeavour, as far as the interests of the Office permit, to meet the requirements of the public in regard to Life Assurance to the utmost extent and on the most moderate terms.

Endowments and Annuities granted at liberal rates.

The Funds of the Company are steadily increasing as evidenced by the Annual Accounts, copies of which can be had of

HENRY D. DAVENPORT,
Secretary.

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